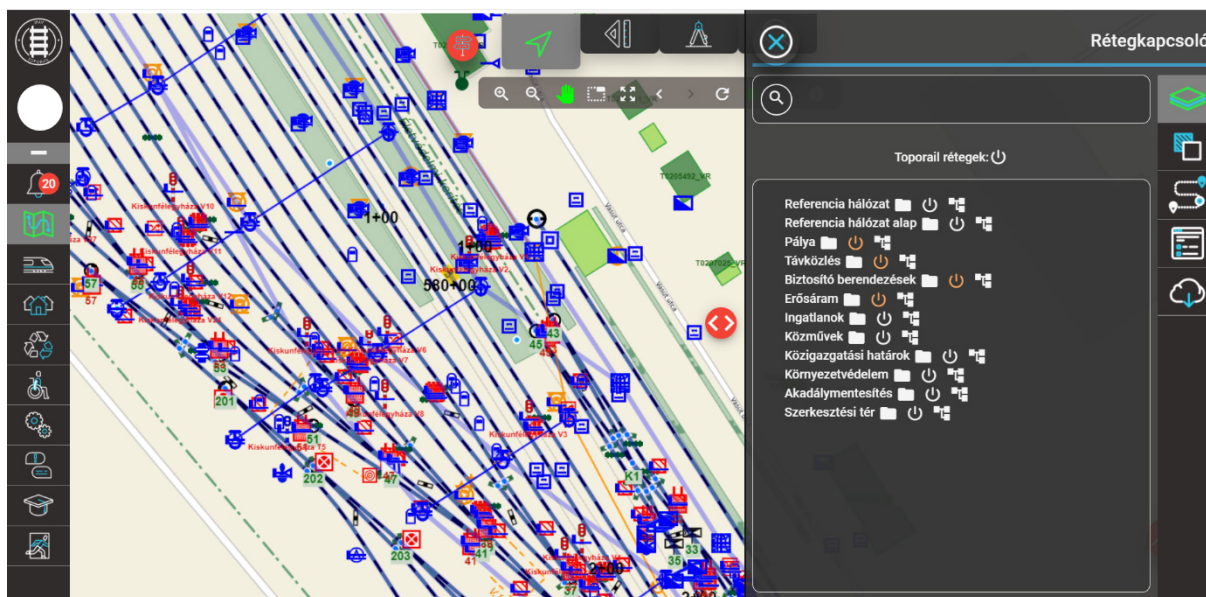


PÓSÁN PATRIK

TÉRINFORMATIKAI RENDSZERBE
INTEGRÁLT KÖZÚTI VASÚTI PÁLYA -
INFRASTRUKTÚRA NYILVÁNTARTÁS
FEJLESZTÉSE EXCEL KÖRNYEZETBEN

MELLÉKLETEK - TOPORAIL



1. melléklet – Toporail megjelenítése

[...]

- *Felépítmény*
 - *Kitérők, átszelések, középrések*
 - *Fonódás*
 - *Kitérő*
 - *Kitérő vége*
 - *Vágányok*
 - *Átmeneti sín*
 - *Szigetelt sín*
 - *Vágány*
 - *Vágányhoz kapcsolódó szerkezetek*
 - *Vágányvég lezárók*
 - *Vágánytengely jellemző pont*

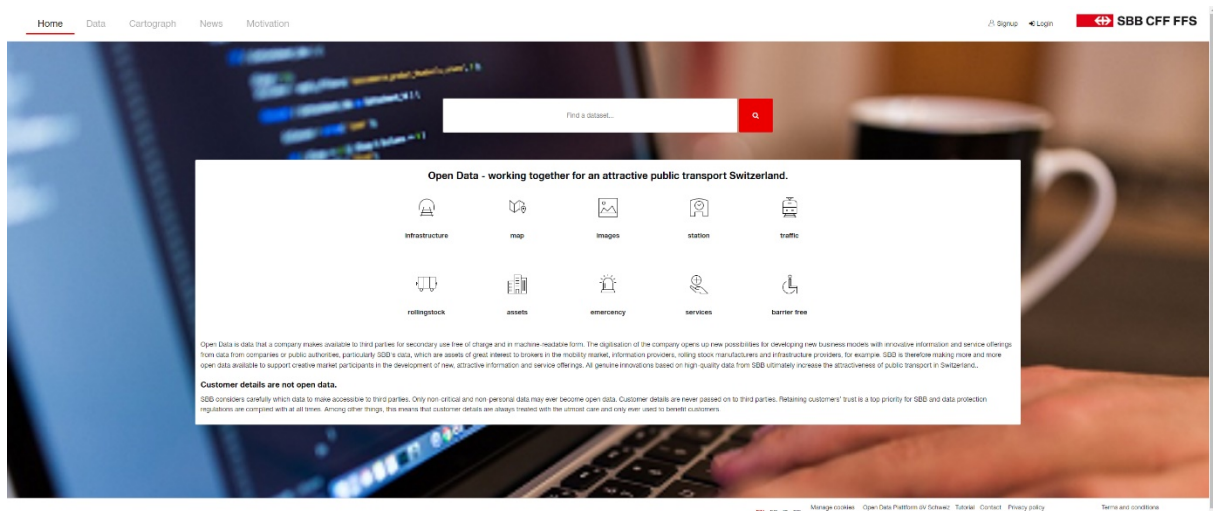
[...]

2. melléklet – Toporail rétegrendszer részlet

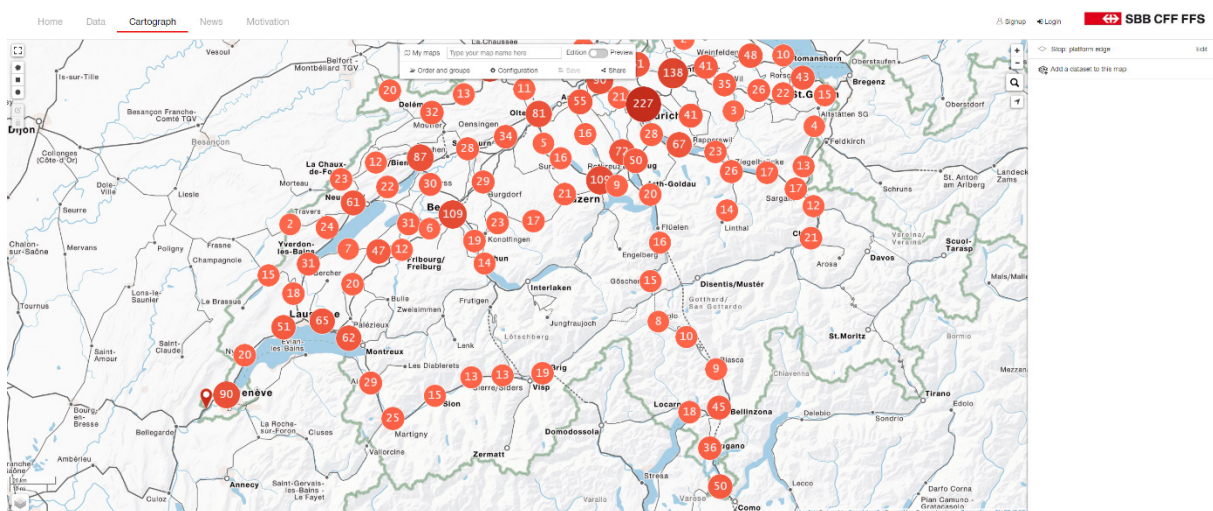
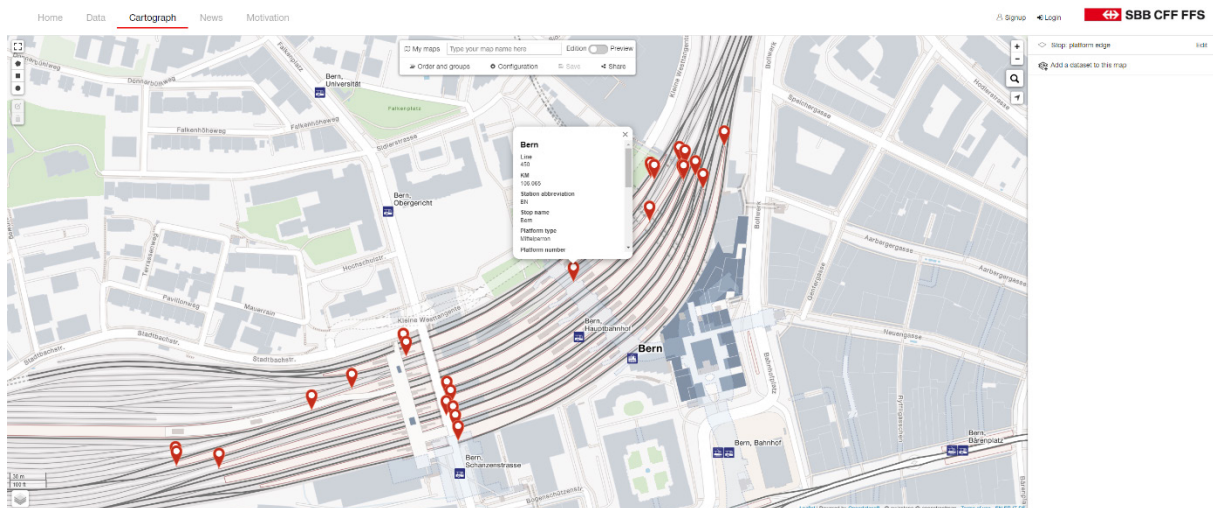
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FEJLESZTÉSE EXCEL KÖRNYEZETBEN

MELLÉKLETEK – SBB RENDSZERE



3. melléklet – SBB kezdőoldala



4. melléklet – SBB online térképi megjelenítése legnagyobb nézetben (felső kép) és legkisebb nézet esetén (alsó képen) megjelenített adatok

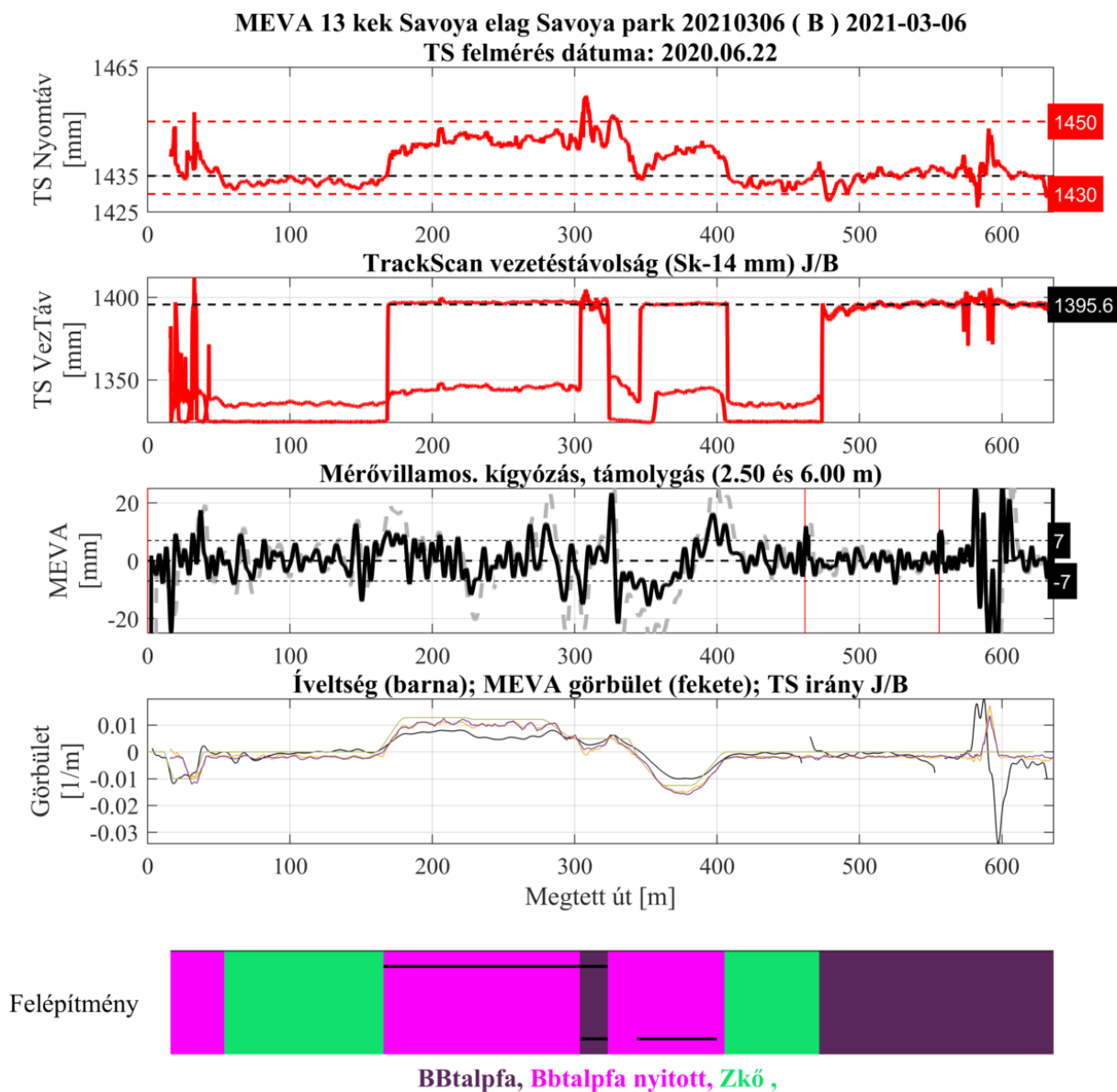
PÓSÁN PATRIK

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FEJLESZTÉSE EXCEL KÖRNYEZETBEN

MELLÉKLETEK – BINFRA KERETRENDSZER
KIEGÉSZÍTÉSEI

ID	Megnevezés
1	É-Pest
2	D-Pest
3	Budafok
4	Városmajor

5. melléklet – Pályafelügyeleti szakaszokhoz társított azonosítókból keletkező adattábla



Peron
 Kitérő
 Útátjáró

6. melléklet – Felépítmény kiegészítők megjelenítési formája

Visual Basic kód

„Új adatbevitel” gombhoz tartozó kódrészlet

```
1 Private Sub UjAdatbevitelCommandButton_Click()  
2 VonalKivalasztasaUserForm.Show  
3 End Sub
```

VonalKivalasztasaUserForm nevű űrlaphoz tartozó kódrészlet

```
4 'Adatbetoltes  
5 Private Sub UserForm_Initialize()  
6     With IvTipusComboBox  
7         .AddItem "jobb"  
8         .AddItem "bal"  
9     End With  
10 End Sub  
11 Sub keresvonal()  
12     Dim rang As Range  
13     Dim keresendo As String  
14     Dim sorszama As Long  
15     keresendo = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value  
16     On Error Resume Next  
17     Set rang = Sheets("Vonal_Csakszamok").Columns("A:A").Find(What:=keresendo,  
LookIn:=xlFormulas, LookAt:=xlWhole, SearchOrder:=xlByRows,  
SearchDirection:=xlNext, MatchCase:=False, SearchFormat:=False)  
18     sorszama = rang.Row  
19     Dim Name, Role As String  
20     Dim r As Range  
21  
22     Name = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value  
23     If Name = vbNullString Then Exit Sub  
24  
25     With Worksheets("Vonal_Csakszamok")  
26         Set r = .Range("A2", .Range("B80000").End(xlUp)).Find(What:=Name,  
LookAt:=xlWhole, MatchCase:=False, SearchFormat:=False)  
27     End With  
28     If Sheets("Vonal_Csakszamok").Cells(sorszama, 3).Value = 2 Then  
29         VonalKivalasztasaUserForm.textoldal.Visible = True  
30         VonalKivalasztasaUserForm.IvTipusComboBox.Visible = True  
31         TextBox1.Value = "0"  
32     Else  
33         VonalKivalasztasaUserForm.textoldal.Visible = False  
34         VonalKivalasztasaUserForm.IvTipusComboBox.Visible = False  
35         TextBox1.Value = ""  
36     End If  
37     If r Is Nothing Then  
38         VonalKivalasztasaUserForm.KotelezoSzovegLabel.Caption = "Ilyen azonosító  
nincs."  
39         VonalKivalasztasaUserForm.textoldal.Visible = False  
40         VonalKivalasztasaUserForm.IvTipusComboBox.Visible = False  
41     End If  
42 End Sub
```

```

43 Sub vonalellnorzese()
44     Dim Name, Role As String
45     Dim r As Range
46
47     Name = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value
48     If Name = vbNullString Then Exit Sub
49
50     With Worksheets("Vonal_Csakszamok")
51         Set r = .Range("A2", .Range("B80000").End(xlUp)).Find(What:=Name,
52 LookAt:=xlWhole, MatchCase:=False, SearchFormat:=False)
53     End With
54
55     If VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value = "" Then
56         VonalKivalasztasaUserForm.KotelezoSzovegLabel.Caption = "Kötelező vonalat
57 választania!"
58         VonalKivalasztasaUserForm.VonalKivalasztottTextBox.SetFocus
59     ElseIf r Is Nothing Then
60         VonalKivalasztasaUserForm.KotelezoSzovegLabel.Caption = "Ilyen azonosító
61 nincs."
62     Else
63         VonalKivalasztasaUserForm.KotelezoSzovegLabel.Caption = ""
64     End If
65 End Sub
66
67 'VonalKivalasztottTextBox
68 Private Sub VonalKivalasztottTextBox_Change()
69     Call keresvonal
70     Call vonalellnorzese
71     If Not IsNumeric(VonalKivalasztottTextBox.Value) Then
72         VonalKivalasztottTextBox.Value = ""
73         VonalKivalasztasaUserForm.KotelezoSzovegLabel.Caption = "A mező csak
74 számokat tartalmazhat!"
75     End If
76 End Sub
77
78 ' Kivalasztas
79 Private Sub TobbVonalKivalasztasCommandButton_Click()
80     Dim r As Range
81     With Worksheets("Vonal_Csakszamok")
82         Set r = .Range("A2", .Range("B80000").End(xlUp))
83     End With
84
85     VonalvalasztoUserForm.KiteroTipusokListaListBox.RowSource =
86 "Vonal_Csakszamok!" & r.Address
87     VonalvalasztoUserForm.Show
88 End Sub
89
90 Private Sub vanvagyjan()
91     If Me.IvTipusComboBox.Visible = True Then
92         If Me.IvTipusComboBox.ListIndex = -1 Then
93             Me.Label5.Caption = "Válassza ki a vágányt!"
94         Else
95             Me.Label5.Caption = ""
96         End If
97     End If
98 End Sub

```

```

91 Private Sub KitoltoTextBox_Change()
92     If VonalKivalasztasaUserForm.KitoltoTextBox.Value = "" Then
93         Me.Label4.Caption = "Adja meg a kitöltő nevét!"
94         VonalKivalasztasaUserForm.KitoltoTextBox.SetFocus
95     Else
96         Me.Label4.Caption = ""
97     End If
98 End Sub
99 Private Sub TovabbCommandButton_Click()
100     Dim Name, Role As String
101     Dim r As Range
102
103     With Worksheets("Vonal_Csakszamok")
104         Set r = .Range("A2", .Range("B80000").End(xlUp)).Find(What:=Name,
105 LookAt:=xlWhole, MatchCase:=False, SearchFormat:=False)
106     End With
107
108     If Me.VonalKivalasztottTextBox.Value = "" And Me.KitoltoTextBox.Value = ""
109 Then
110         Me.KotelezoSzovegLabel.Caption = "Kötelező vonalat választania!"
111         Me.Label4.Caption = "Adja meg a kitöltő nevét!"
112         VonalKivalasztasaUserForm.VonalKivalasztottTextBox.SetFocus
113         Call vanvagyyan
114     ElseIf Me.VonalKivalasztottTextBox.Value = "" Then
115         Me.KotelezoSzovegLabel.Caption = "Kötelező vonalat választania!"
116         Me.VonalKivalasztottTextBox.SetFocus
117         Call vanvagyyan
118     ElseIf Me.KitoltoTextBox.Value = "" Then
119         Me.Label4.Caption = "Adja meg a kitöltő nevét!"
120         Me.KitoltoTextBox.SetFocus
121         Call vanvagyyan
122     ElseIf Me.IvTipusComboBox.ListIndex = -1 Then
123         Me.Label5.Caption = "Válassza ki a vágányt!"
124         Me.IvTipusComboBox.SetFocus
125     Else
126         Me.KotelezoSzovegLabel.Caption = ""
127         Me.Label4.Caption = ""
128         Me.Label5.Caption = ""
129         VonalvezetesUserForm.KiteroAzonositoTextBox.Value = "K" &
130 Me.VonalKivalasztottTextBox.Value & "01"
131         AdatbevitelKezdetUserForm.Show
132         TextBox1.Value = "0"
133     End If
134 End Sub
135 Private Sub MegseCommandButton_Click()
136     Me.VonalKivalasztottTextBox.Value = ""
137     Me.KitoltoTextBox.Value = ""
138     Me.TextBox1.Value = ""
139     Me.IvTipusComboBox.ListIndex = -1
140     Me.KotelezoSzovegLabel.Caption = ""
141     Me.Label4.Caption = ""
142     Me.Label5.Caption = ""
143     Me.Hide

```

VonalvalasztoUserForm nevű űrlaphoz tartozó kódrészlet

```

142 Private Sub TobbVonalKivalasztasCommandButton_Click()
143     Dim r As Range
144     With Worksheets("Vonal_Csakszamok")
145         Set r = .Range("A2", .Range("B80000").End(xlUp))
146     End With
147
148     VonalvalasztoUserForm.KiteroTipusokListaListBox.RowSource =
"Vonal_Csakszamok!" & r.Address
149     VonalvalasztoUserForm.Show
150 End Sub
151 Private Sub vanvagian()
152     If Me.IvTipusComboBox.Visible = True Then
153         If Me.IvTipusComboBox.ListIndex = -1 Then
154             Me.Label5.Caption = "Válassza ki a vágányt!"
155         Else
156             Me.Label5.Caption = ""
157         End If
158     End If
159 End Sub
160 Private Sub KitoltoTextBox_Change()
161     If VonalKivalasztasaUserForm.KitoltoTextBox.Value = "" Then
162         Me.Label4.Caption = "Adja meg a kitöltő nevét!"
163         VonalKivalasztasaUserForm.KitoltoTextBox.SetFocus
164     Else
165         Me.Label4.Caption = ""
166     End If
167 End Sub
168 Private Sub TovabbCommandButton_Click()
169     Dim Name, Role As String
170     Dim r As Range
171
172     With Worksheets("Vonal_Csakszamok")
173         Set r = .Range("A2", .Range("B80000").End(xlUp)).Find(What:=Name,
LookAt:=xlWhole, MatchCase:=False, SearchFormat:=False)
174     End With
175
176     If Me.VonalKivalasztottTextBox.Value = "" And Me.KitoltoTextBox.Value = ""
Then
177         Me.KotelezoSzovegLabel.Caption = "Kötelező vonalat választania!"
178         Me.Label4.Caption = "Adja meg a kitöltő nevét!"
179         VonalKivalasztasaUserForm.VonalKivalasztottTextBox.SetFocus
180         Call vanvagian
181     ElseIf Me.VonalKivalasztottTextBox.Value = "" Then
182         Me.KotelezoSzovegLabel.Caption = "Kötelező vonalat választania!"
183         Me.VonalKivalasztottTextBox.SetFocus
184         Call vanvagian
185     ElseIf Me.KitoltoTextBox.Value = "" Then
186         Me.Label4.Caption = "Adja meg a kitöltő nevét!"

```

```

187     Me.KitoltoTextBox.SetFocus
188     Call vanvagian
189     ElseIf Me.IvTipusComboBox.ListIndex = -1 Then
190         Me.Label5.Caption = "Válassza ki a vágányt!"
191         Me.IvTipusComboBox.SetFocus
192     Else
193         Me.KotelezoSzovegLabel.Caption = ""
194         Me.Label4.Caption = ""
195         Me.Label5.Caption = ""
196         VonalvezetesUserForm.KiteroAzonositoTextBox.Value = "K" &
Me.VonalKivalasztottTextBox.Value & "01"
197         AdatbevitelKezdetUserForm.Show
198         TextBox1.Value = "0"
199     End If
200 End Sub
201 Private Sub MegseCommandButton_Click()
202     Me.VonalKivalasztottTextBox.Value = ""
203     Me.KitoltoTextBox.Value = ""
204     Me.TextBox1.Value = ""
205     Me.IvTipusComboBox.ListIndex = -1
206     Me.KotelezoSzovegLabel.Caption = ""
207     Me.Label4.Caption = ""
208     Me.Label5.Caption = ""
209     Me.Hide
210 End Sub

```

AdatbevitelKezdetUserForm nevű űrlaphoz tartozó kódrészlet

```

211 Sub fejleckszites()
212     Range("C1:E1").Select
213     With Selection
214         .HorizontalAlignment = xlCenter
215         .VerticalAlignment = xlBottom
216         .WrapText = False
217         .Orientation = 0
218         .AddIndent = False
219         .IndentLevel = 0
220         .ShrinkToFit = False
221         .ReadingOrder = xlContext
222         .MergeCells = False
223     End With
224     Range("A1").Select
225
226     ActiveCell.FormulaR1C1 = Sheets("Fejlécek").Range("A9").Value
227     With Selection.Font
228         .Name = "Segoe UI Emoji"
229         .Size = 20
230         .Strikethrough = False
231         .Superscript = False
232         .Subscript = False
233         .OutlineFont = False
234         .Shadow = False

```

```

235 .Underline = xlUnderlineStyleNone
236 .ThemeColor = xlThemeColorLight1
237 .TintAndShade = 0
238 .ThemeFont = xlThemeFontNone
239 End With
240 ActiveSheet.Hyperlinks.Add Anchor:=Selection, Address:="", SubAddress:= _
241 "Home!A1", TextToDisplay:=Sheets("Fejlécek").Range("A9").Value
242 With Selection.Font
243 .ThemeColor = xlThemeColorDark1
244 .TintAndShade = 0
245 End With
246 Selection.Font.Underline = xlUnderlineStyleNone
247 Selection.Font.Size = 20
248
249 With Selection
250 .HorizontalAlignment = xlCenter
251 .VerticalAlignment = xlBottom
252 .WrapText = False
253 .Orientation = 0
254 .AddIndent = False
255 .IndentLevel = 0
256 .ShrinkToFit = False
257 .ReadingOrder = xlContext
258 .MergeCells = False
259 End With
260 With Selection
261 .HorizontalAlignment = xlCenter
262 .VerticalAlignment = xlCenter
263 .WrapText = False
264 .Orientation = 0
265 .AddIndent = False
266 .IndentLevel = 0
267 .ShrinkToFit = False
268 .ReadingOrder = xlContext
269 .MergeCells = False
270 End With
271 Selection.Font.Size = 20
272
273
274 Range("B1:D1").Merge
275 Range("G1").Formula = "kitöltötte"
276 Range("H1:J1").Merge
277 Range("H1").Formula = VonaKivalasztasaUserForm.KitoltoTextBox.Value
278 Range("K1").FormulaR1C1 = "dátum"
279 Range("L1").Value = [Text(Now(), "YYYY-MM-DD")]
280
281 Rows("1:1").Select
282 With Selection.Interior
283 .Pattern = xlSolid
284 .PatternColorIndex = xlAutomatic
285 .Color = 65535
286 .TintAndShade = 0
287 .PatternTintAndShade = 0

```

```

288 End With
289 With Selection.Interior
290     .Pattern = xlSolid
291     .PatternColorIndex = xlAutomatic
292     .ThemeColor = xlThemeColorLight2
293     .TintAndShade = 0
294     .PatternTintAndShade = 0
295 End With
296 With Selection.Font
297     .ThemeColor = xlThemeColorDark1
298     .TintAndShade = 0
299 End With
300
301
302 Rows("1:1").Select
303 With Selection
304     .HorizontalAlignment = xlCenter
305     .VerticalAlignment = xlBottom
306     .WrapText = False
307     .Orientation = 0
308     .AddIndent = False
309     .IndentLevel = 0
310     .ShrinkToFit = False
311     .ReadingOrder = xlContext
312 End With
313 With Selection
314     .HorizontalAlignment = xlCenter
315     .VerticalAlignment = xlCenter
316     .WrapText = False
317     .Orientation = 0
318     .AddIndent = False
319     .IndentLevel = 0
320     .ShrinkToFit = False
321     .ReadingOrder = xlContext
322 End With
323 Selection.RowHeight = 40
324 Rows("1:1").Select
325 With ActiveWindow
326     .SplitColumn = 0
327     .SplitRow = 1
328 End With
329 ActiveWindow.FreezePanes = True
330 End Sub
331 Sub fejleckszitesIvadatok()
332     Call fejleckszites
333     Range("B1").Formula = "Ívadatok - Adatbevitel"
334     Range("A2:D2").Merge
335     Range("A2").Formula = "Kezdőszelvény"
336     Range("E2").Value = VonalKivalasztasaUserForm.TextBox1.Value
337     Range("I2:J3").Select
338
339     With Selection.Font
340         .ThemeColor = xlThemeColorDark1

```

```

341     .TintAndShade = 0
342 End With
343 End Sub
344 Sub fejleckszitesFelepitmeny()
345     Call fejleckszites
346     Range("B1").Formula = "Felépítmény - Adatbevitel"
347     Range("A2").Formula = "KezdoSz"
348     Range("B2").Formula = "VegSz"
349     Range("C2").Formula = "Hossz"
350     Range("D2").Formula = "Tipus"
351     Range("E2").Formula = "Megnevezes"
352     Range("F2").Formula = "Szin1"
353     Range("G2").Formula = "Szin2"
354     Range("H2").Formula = "Szin3"
355     Range("E2").ColumnWidth = 30
356     Range("F2").ColumnWidth = 10
357     Range("G2").ColumnWidth = 10
358     Range("H2").ColumnWidth = 10
359     Rows("1:1").Select
360     With Selection.Interior
361         .Pattern = xlSolid
362         .PatternColorIndex = xlAutomatic
363         .ThemeColor = xlThemeColorDark2
364         .TintAndShade = 0
365         .PatternTintAndShade = 0
366     End With
367 End Sub
368 Sub rendezes()
369     ActiveWorkbook.Worksheets("Home").ListObjects("RogzitettVonalak")
370     .Sort.SortFields.Clear
371     ActiveWorkbook.Worksheets("Home").ListObjects("RogzitettVonalak")
372     .Sort.SortFields. _
373     Add2 Key:=Range("RogzitettVonalak[ [#All],[ID]]"), SortOn:=xlSortOnValues,
374     Order _
375     :=xlAscending, DataOption:=xlSortNormal
376     With ActiveWorkbook.Worksheets("Home").ListObjects("RogzitettVonalak").Sort
377         .Header = xlYes
378         .MatchCase = False
379         .Orientation = xlTopToBottom
380         .SortMethod = xlPinYin
381         .Apply
382     End With
383 End Sub
384 Sub ujmunKalapIvadatok()
385     Dim munkalap As Worksheet
386     Dim strNeve As String
387     Dim ellenorzo As Boolean
388     On Error Resume Next
389
390     Dim emptyRow As Long
391     Dim index As Integer
392
393     index = VonalKivalasztasaUserForm.IvTipusComboBox.ListIndex

```

```

391 emptyRow = WorksheetFunction.CountA(Range("A:A")) + 1
392 emptyRow2 = WorksheetFunction.CountA(Range("A:A")) + 2
393 Sheets("Home").Cells(emptyRow, 1).HorizontalAlignment = xlRight
394
395 Select Case index
396     Case Is = 0
397         VonalvezetesUserForm.IvNeveTextBox.Value = "1"
398         VonalvezetesUserForm.IvOldalTextBox.Value = "j"
399         strNeve = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value & "j"
& " Ívadatok"
400
401         ellenorzo = Len(Sheets(strNeve).Name) > 0
402         If ellenorzo = False Then
403             Sheets("Home").Select
404             Sheets("Home").Cells(emptyRow, 1).Value =
VonalKivalasztasaUserForm.VonalKivalasztottTextBox & "j"
405
406             Sheets("Home").Cells(emptyRow, 1).Select
407             ActiveCell.Hyperlinks.Add Anchor:=Selection, Address:="",
SubAddress:="" & strNeve & "!A1",
TextToDisplay:=VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value & "j"
408
409             Sheets("Home").Cells(emptyRow, 2).Value = "Ívadatok"
410             Sheets("Home").Cells(emptyRow, 3).Formula = "=VLOOKUP(RC[-
2],Vonal,2,FALSE)"
411             Sheets("Home").Cells(emptyRow, 4).Formula = "=VLOOKUP(RC[-
3],Vonal,8,FALSE)"
412             Sheets("Home").Cells(emptyRow, 5).Value =
VonalKivalasztasaUserForm.KitoltoTextBox.Value
413             Sheets("Home").Cells(emptyRow, 6).Value = [Text(Now(), "YYYY-MM-
DD")]
414             Sheets(strNeve).Range("J3").Value = "K" &
VonalKivalasztasaUserForm.VonalKivalasztottTextBox & "00"
415
416             Set ws = Worksheets.Add(After:=Sheets(1))
417             ws.Name = strNeve
418
419             Call fejlekeszitesIvadatok
420             Call rendezes
421             VonalvezetesUserForm.Show
422
423             With ActiveWorkbook.Tab
424                 .ThemeColor = xlThemeColorLight2
425                 .TintAndShade = 0
426             End With
427         Else
428             strNeve = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value &
"j" & " Ívadatok"
429             Sheets(strNeve).Select
430             VonalvezetesUserForm.Show
431             VonalvezetesUserForm.IvOldalTextBox.Value = "j"
432         End If
433

```

```

434 Case Is = 1
435     VonalvezetesUserForm.IvNeveTextBox.Value = "1"
436     VonalvezetesUserForm.IvOldalTextBox.Value = "b"
437     strNeve = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value &
"b" & " Ívadatok"
438
439     ellenorzo = Len(Sheets(strNeve).Name) > 0
440     If ellenorzo = False Then
441         Sheets("Home").Select
442         Sheets("Home").Cells(emptyRow, 1).Value =
VonalKivalasztasaUserForm.VonalKivalasztottTextBox & "b"
443
444         Sheets("Home").Cells(emptyRow, 1).Select
445         ActiveCell.Hyperlinks.Add Anchor:=Selection, Address="",
SubAddress="" & strNeve & "!A1",
TextToDisplay:=VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value & "b"
446
447         Sheets("Home").Cells(emptyRow, 2).Value = "Ívadatok"
448         Sheets("Home").Cells(emptyRow, 3).Formula = "=VLOOKUP(RC[-
2],Vonal,2,FALSE)"
449         Sheets("Home").Cells(emptyRow, 4).Formula = "=VLOOKUP(RC[-
3],Vonal,8,FALSE)"
450         Sheets("Home").Cells(emptyRow, 5).Value =
VonalKivalasztasaUserForm.KitoltoTextBox.Value
451         Sheets("Home").Cells(emptyRow, 6).Value = [Text(Now(), "YYYY-MM-
DD")]
452         Sheets(strNeve).Range("J3").Value = "K" &
VonalKivalasztasaUserForm.VonalKivalasztottTextBox & "00"
453
454         Set ws = Worksheets.Add(After:=Sheets(1))
455         ws.Name = strNeve
456
457         Call fejlekeszitesIvadatok
458         Call rendezes
459         VonalvezetesUserForm.Show
460     Else
461         strNeve = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value &
"b" & " Ívadatok"
462         Sheets(strNeve).Select
463         VonalvezetesUserForm.Show
464         VonalvezetesUserForm.IvOldalTextBox.Value = "b"
465     End If
466 End Select
467
468 If VonalKivalasztasaUserForm.IvTipusComboBox.Visible = False Then
469     VonalvezetesUserForm.IvNeveTextBox.Value = "1"
470     VonalvezetesUserForm.IvOldalTextBox.Value = " "
471     strNeve = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value & "
Ívadatok"
472
473     ellenorzo = Len(Sheets(strNeve).Name) > 0
474     If ellenorzo = False Then
475         Sheets("Home").Select

```

```

476     Sheets("Home").Cells(emptyRow, 1).Value =
VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value
477
478     Sheets("Home").Cells(emptyRow, 1).Select
479     ActiveCell.Hyperlinks.Add Anchor:=Selection, Address:="", SubAddress:=""
& strNeve & "!A1",
TextToDisplay:=VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value
480
481     Sheets("Home").Cells(emptyRow, 2).Value = "Ívadatok"
482     Sheets("Home").Cells(emptyRow, 3).Formula = "=VLOOKUP(RC[-
2],Vonal,2,FALSE)"
483     Sheets("Home").Cells(emptyRow, 4).Formula = "=VLOOKUP(RC[-
3],Vonal,8,FALSE)"
484     Sheets("Home").Cells(emptyRow, 5).Value =
VonalKivalasztasaUserForm.KitoltoTextBox.Value
485     Sheets("Home").Cells(emptyRow, 6).Value = [Text(Now(), "YYYY-MM-
DD")]
486     Sheets(strNeve).Range("J3").Value = "K" &
VonalKivalasztasaUserForm.VonalKivalasztottTextBox & "00"
487
488     Set ws = Worksheets.Add(After:=Sheets(1))
489     ws.Name = strNeve
490
491     Call fejlekeszitesIvadatok
492     Call rendezes
493     VonalvezetesUserForm.Show
494     Else
495     strNeve = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value & "
Ívadatok"
496     Sheets(strNeve).Select
497     VonalvezetesUserForm.Show
498     VonalvezetesUserForm.IvOldalTextBox.Value = " "
499
500     End If
501     End If
502 End Sub
503
504 Sub ujmunlapFelepitmeny()
505     Dim munkalap As Worksheet
506     Dim strNeve As String
507     Dim ellenorzo As Boolean
508     On Error Resume Next
509
510     Dim emptyRow As Long
511     Dim index As Integer
512
513     index = VonalKivalasztasaUserForm.IvTipusComboBox.ListIndex
514     emptyRow = WorksheetFunction.CountA(Range("A:A")) + 1
515     emptyRow2 = WorksheetFunction.CountA(Range("A:A")) + 2
516     Sheets("Home").Cells(emptyRow, 1).HorizontalAlignment = xlRight
517
518     Select Case index
519     Case Is = 0

```

```

520     strNeve = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value & "j"
521     & " Felépítményadatok"
522     ellenorzo = Len(Sheets(strNeve).Name) > 0
523     If ellenorzo = False Then
524         Sheets("Home").Select
525         Sheets("Home").Cells(emptyRow, 1).Value =
VonalKivalasztasaUserForm.VonalKivalasztottTextBox & "j"
526
527         Sheets("Home").Cells(emptyRow, 1).Select
528         ActiveCell.Hyperlinks.Add Anchor:=Selection, Address="",
SubAddress="" & strNeve & "!A1",
TextToDisplay:=VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value & "j"
529
530         Sheets("Home").Cells(emptyRow, 2).Value = "Felépítményadatok"
531         Sheets("Home").Cells(emptyRow, 3).Formula = "=VLOOKUP(RC[-
2],Vonal,2,FALSE)"
532         Sheets("Home").Cells(emptyRow, 4).Formula = "=VLOOKUP(RC[-
3],Vonal,8,FALSE)"
533         Sheets("Home").Cells(emptyRow, 5).Value =
VonalKivalasztasaUserForm.KitoltoTextBox.Value
534         Sheets("Home").Cells(emptyRow, 6).Value = [Text(Now(), "YYYY-MM-
DD")]
535
536         Set ws = Worksheets.Add(After:=Sheets(1))
537         ws.Name = strNeve
538
539         Call fejlekeszitesFelepitmeny
540         Call rendezes
541         FelepitmenyMegadasaUserForm.Show
542
543         With ActiveWorkbook.Tab
544             .ThemeColor = xlThemeColorLight2
545             .TintAndShade = 0
546         End With
547     Else
548         strNeve = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value &
"j" & " Felépítményadatok"
549         Sheets(strNeve).Select
550         FelepitmenyMegadasaUserForm.Show
551     End If
552
553     Case Is = 1
554         strNeve = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value &
"b" & " Felépítményadatok"
555
556         ellenorzo = Len(Sheets(strNeve).Name) > 0
557         If ellenorzo = False Then
558             Sheets("Home").Select
559             Sheets("Home").Cells(emptyRow, 1).Value =
VonalKivalasztasaUserForm.VonalKivalasztottTextBox & "b"
560
561             Sheets("Home").Cells(emptyRow, 1).Select

```

```

562         ActiveCell.Hyperlinks.Add Anchor:=Selection, Address:="",
SubAddress:="" & strNeve & "!A1",
TextToDisplay:=VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value & "b"
563
564         Sheets("Home").Cells(emptyRow, 2).Value = "Felépítményadatok"
565         Sheets("Home").Cells(emptyRow, 3).Formula = "=VLOOKUP(RC[-
2],Vonal,2,FALSE)"
566         Sheets("Home").Cells(emptyRow, 4).Formula = "=VLOOKUP(RC[-
3],Vonal,8,FALSE)"
567         Sheets("Home").Cells(emptyRow, 5).Value =
VonalKivalasztasaUserForm.KitoltoTextBox.Value
568         Sheets("Home").Cells(emptyRow, 6).Value = [Text(Now(), "YYYY-MM-
DD")]
569
570         Set ws = Worksheets.Add(After:=Sheets(1))
571         ws.Name = strNeve
572
573         Call fejlekeszitesFelepitmeny
574         Call rendezes
575         FelepitmenyMegadasaUserForm.Show
576     Else
577         strNeve = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value &
"b" & " Felépítményadatok"
578         Sheets(strNeve).Select
579         FelepitmenyMegadasaUserForm.Show
580     End If
581 End Select
582
583 If VonalKivalasztasaUserForm.IvTipusComboBox.Visible = False Then
584     VonalvezetesUserForm.IvNeveTextBox.Value = "1"
585     VonalvezetesUserForm.IvOldalTextBox.Value = " "
586     strNeve = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value & "
Felépítményadatok"
587
588     ellenorzo = Len(Sheets(strNeve).Name) > 0
589     If ellenorzo = False Then
590         Sheets("Home").Select
591         Sheets("Home").Cells(emptyRow, 1).Value =
VonalKivalasztasaUserForm.VonalKivalasztottTextBox
592
593         Sheets("Home").Cells(emptyRow, 1).Select
594         ActiveCell.Hyperlinks.Add Anchor:=Selection, Address:="", SubAddress:=""
& strNeve & "!A1",
TextToDisplay:=VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value
595
596         Sheets("Home").Cells(emptyRow, 2).Value = "Felépítményadatok"
597         Sheets("Home").Cells(emptyRow, 3).Formula = "=VLOOKUP(RC[-
2],Vonal,2,FALSE)"
598         Sheets("Home").Cells(emptyRow, 4).Formula = "=VLOOKUP(RC[-
3],Vonal,8,FALSE)"
599         Sheets("Home").Cells(emptyRow, 5).Value =
VonalKivalasztasaUserForm.KitoltoTextBox.Value

```

```

600     Sheets("Home").Cells(emptyRow, 6).Value = [Text(Now(), "YYYY-MM-
        DD")]
601
602     Set ws = Worksheets.Add(After:=Sheets(1))
603     ws.Name = strNeve
604
605     Call fejlekeszitesFelepitmeny
606     Call rendezes
607     FelepitmenyMegadasaUserForm.Show
608     Else
609         strNeve = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value & "
        Felépítményadatok"
610         Sheets(strNeve).Select
611         FelepitmenyMegadasaUserForm.Show
612
613     End If
614 End If
615 End Sub
616
617 Private Sub FelepitmenyHOzzadCommandButton_Click()
618     FelepitmenyMegadasaUserForm.FelepitmenyKezdeteTextBox.Value =
        VonalKivalasztasaUserForm.TextBox1.Value
619     Call ujmunKalapFelepitmeny
620 End Sub
621
622 Private Sub Image2_BeforeDragOver(ByVal Cancel As MSForms.ReturnBoolean,
        ByVal Data As MSForms.DataObject, ByVal X As Single, ByVal Y As Single,
        ByVal DragState As MSForms.fmDragState, ByVal Effect As
        MSForms.ReturnEffect, ByVal Shift As Integer)
623     Call ujmunKalapIvadatok
624 End Sub
625
626 Private Sub Image3_BeforeDragOver(ByVal Cancel As MSForms.ReturnBoolean,
        ByVal Data As MSForms.DataObject, ByVal X As Single, ByVal Y As Single,
        ByVal DragState As MSForms.fmDragState, ByVal Effect As
        MSForms.ReturnEffect, ByVal Shift As Integer)
627     Call ujmunKalapFelepitmeny
628 End Sub
629
630 Private Sub IvadatokHozzaadasaButtonEgy_Click()
631     Call ujmunKalapIvadatok
632 End Sub

```

VonalvezetesUserForm

```

633 Option Explicit
634
635 Private Sub CheckBox1_Click()
636     If CheckBox1 = True Then
637         If CheckBox2 = True Then CheckBox2 = False
638     End If
639     Label31.Visible = True

```

```

640     TextBox1.Visible = True
641     Label32.Visible = True
642 End Sub
643
644 Private Sub CheckBox2_Click()
645     If CheckBox2 = True Then
646         If CheckBox1 = True Then CheckBox1 = False
647     End If
648     Label31.Visible = False
649     TextBox1.Visible = False
650     Label32.Visible = False
651     Dim oldal As String
652     Dim ertek As Double
653     Dim r As Range
654     oldal = ActiveSheet.Name
655     With Sheets(oldal)
656         Set r = .Range("E4", .Range("E1048576").End(xlUp))
657     End With
658     Sheets(oldal).Cells(r.Count + 3, 6).Formula = "=ROUNDUP(R[-1]C[-1],4)"
659     ertek = Sheets(oldal).Cells(r.Count + 3, 6).Value
660     If AtmenetilvFrame.Visible = True Then
661         If ElsoAIETextBox.Visible = True Then
662             ElsoAIETextBox.Value = ertek
663         Else
664             ElsoAIVTextBox.Value = ertek
665         End If
666     ElseIf KiteroFrame.Visible = True Then
667         KezdopontKiteroTextBox.Value = ertek
668     Else
669         'If TiszaivFrame.Visible = True Then
670             TiszaIETextBox.Value = ertek
671         End If
672     Sheets(oldal).Cells(r.Count + 3, 6).Formula = ""
673 End Sub
674
675 Private Sub KezdopontKiteroTextBox_Change()
676     'Dim regex As RegExp
677     'regex.Global = True
678
679     'regex.Pattern = "([0-9]*\,[0-9]{4})"
680
681     Dim Reg1 As Object
682     Dim Reg2 As Object
683
684     Dim RegMatches As Object
685
686     ' ===== Test PalletID_Tb =====
687     Set Reg1 = CreateObject("VBScript.RegExp")
688     With Reg1
689         .Global = True
690         .IgnoreCase = True
691         .Pattern = "(^\d+\,\d{4})"
692     End With

```

```

693
694     Set RegMatches = Reg1.Execute(Me.KezdopontKiteroTextBox.Value)
695
696     If RegMatches.Count = 1 Then
697
698     Else
699         'VonalvezetesUserForm.Label26.Caption = "A mező csak számokat tartalmazhat!"
700         'Me.KezdopontKiteroTextBox.Value = ""
701         Exit Sub
702     End If
703 End Sub
704 Private Sub KiteritattIranyCheckBox_Click()
705     If KiteritattIranyCheckBox = True Then
706         If EgyenesenCheckBox = True Then EgyenesenCheckBox = False
707     End If
708     ComboBox1.Visible = True
709     Label30.Visible = True
710 End Sub
711 Private Sub EgyenesenCheckBox_Click()
712     If EgyenesenCheckBox = True Then
713         If KiteritattIranyCheckBox = True Then KiteritattIranyCheckBox = False
714     End If
715     ComboBox1.Visible = False
716     Label30.Visible = False
717 End Sub
718 Private Sub CsucsFelolCheckBox_Click()
719     If CsucsFelolCheckBox = True Then
720         If GyokFelolCheckBox = True Then GyokFelolCheckBox = False
721     End If
722 End Sub
723 Private Sub GyokFelolCheckBox_Click()
724     If GyokFelolCheckBox = True Then
725         If CsucsFelolCheckBox = True Then CsucsFelolCheckBox = False
726     End If
727 End Sub
728
729
730 Private Sub TextBox2_Change()
731     If TextBox2.Value = "" Then
732         VonalvezetesUserForm.InfoLabelTiszta.Caption = "Kötelező mező"
733     ElseIf Not IsNumeric(TextBox2.Value) Then
734         TextBox2.Value = ""
735         VonalvezetesUserForm.InfoLabelTiszta.Caption = "A mező csak számokat
736 tartalmazhat!"
737     Else
738         VonalvezetesUserForm.InfoLabelTiszta.Caption = ""
739     End If
740 End Sub
741
742 Private Sub TisztaIETextBox_Change()
743     If TisztaIETextBox.Value = "" Then
744         VonalvezetesUserForm.InfoLabelTiszta.Caption = "Kötelező mező"

```

```

745 ElseIf Not IsNumeric(TisztalIETextBox.Value) Then
746     TisztalIETextBox.Value = ""
747     VonalvezetesUserForm.InfoLabelTiszta.Caption = "A mező csak számokat
tartalmazhat!"
748 Else
749     VonalvezetesUserForm.InfoLabelTiszta.Caption = ""
750 End If
751
752 End Sub
753 Private Sub TisztalIVTextBox_Change()
754     If TisztalIVTextBox.Value = "" Then
755         VonalvezetesUserForm.Label27.Caption = "Kötelező mező"
756     ElseIf Not IsNumeric(TisztalIVTextBox.Value) Then
757         TisztalIVTextBox.Value = ""
758         VonalvezetesUserForm.Label27.Caption = "A mező csak számokat
tartalmazhat!"
759     Else
760         VonalvezetesUserForm.Label27.Caption = ""
761     End If
762
763 End Sub
764 Private Sub Image2_MouseMove(ByVal Button As Integer, ByVal Shift As Integer,
ByVal X As Single, ByVal Y As Single)
765     InfoLabelTiszta.Caption = "Helyes számformátum: 123,00"
766 End Sub
767 Private Sub Image3_MouseMove(ByVal Button As Integer, ByVal Shift As Integer,
ByVal X As Single, ByVal Y As Single)
768     Label27.Caption = "Helyes számformátum: 123,00"
769 End Sub
770 Private Sub Image6_MouseMove(ByVal Button As Integer, ByVal Shift As Integer,
ByVal X As Single, ByVal Y As Single)
771     Label26.Caption = "Helyes számformátum: 123,00"
772 End Sub
773 Private Sub Image4_MouseMove(ByVal Button As Integer, ByVal Shift As Integer,
ByVal X As Single, ByVal Y As Single)
774     Label25.Caption = "Helyes számformátum: 123,00"
775 End Sub
776 Private Sub Image5_MouseMove(ByVal Button As Integer, ByVal Shift As Integer,
ByVal X As Single, ByVal Y As Single)
777     Label25.Caption = "Helyes számformátum: 123,00"
778 End Sub
779 Private Sub ElsoAIETextBox_Change()
780     If ElsoAIETextBox.Value = "" Then
781         VonalvezetesUserForm.Label25.Caption = "Kötelező mező"
782     ElseIf Not IsNumeric(ElsoAIETextBox.Value) Then
783         ElsoAIETextBox.Value = ""
784         VonalvezetesUserForm.Label25.Caption = "A mező csak számokat
tartalmazhat!"
785     Else
786         VonalvezetesUserForm.Label25.Caption = ""
787     End If
788
789 End Sub

```

```

790 Private Sub ElsoAIVTextBox_Change()
791     If ElsoAIVTextBox.Value = "" Then
792         VonalvezetesUserForm.Label25.Caption = "Kötelező mező"
793     ElseIf Not IsNumeric(ElsoAIVTextBox.Value) Then
794         ElsoAIVTextBox.Value = ""
795         VonalvezetesUserForm.Label25.Caption = "A mező csak számokat
tartalmazhat!"
796     Else
797         VonalvezetesUserForm.Label25.Caption = ""
798     End If
799
800 End Sub
801 Private Sub MasoAIETextBox_Change()
802     If MasoAIETextBox.Value = "" Then
803         VonalvezetesUserForm.Label25.Caption = "Kötelező mező"
804     ElseIf Not IsNumeric(MasoAIETextBox.Value) Then
805         MasoAIETextBox.Value = ""
806         VonalvezetesUserForm.Label25.Caption = "A mező csak számokat
tartalmazhat!"
807     Else
808         VonalvezetesUserForm.Label25.Caption = ""
809     End If
810
811 End Sub
812 Private Sub MasoAIVTextBox_Change()
813     If MasoAIVTextBox.Value = "" Then
814         VonalvezetesUserForm.Label25.Caption = "Kötelező mező"
815     ElseIf Not IsNumeric(MasoAIVTextBox.Value) Then
816         MasoAIVTextBox.Value = ""
817         VonalvezetesUserForm.Label25.Caption = "A mező csak számokat
tartalmazhat!"
818     Else
819         VonalvezetesUserForm.Label25.Caption = ""
820     End If
821
822 End Sub
823 Private Sub UserForm_Initialize()
824     With IvTipusComboBox
825         .AddItem "Tisztaív"
826         .AddItem "Átmenetiíves ív"
827         .AddItem "Kitérő"
828     End With
829     With IranyComboBox
830         .AddItem "jobbos"
831         .AddItem "balos"
832     End With
833     With ComboBox1
834         .AddItem "jobbos"
835         .AddItem "balos"
836     End With
837
838     Label31.Visible = False
839     TextBox1.Visible = False

```

```

840 Label32.Visible = False
841
842 IvNeveTextBox.Value = ""
843 IvOldalTextBox.Value = ""
844 SugarTextBox.Value = ""
845 TulemelesTextBox.Value = ""
846 TisztaiETextBox.Value = ""
847 TisztaiVTextBox.Value = ""
848 ElsoAIETextBox.Value = ""
849 ElsoAIVTextBox.Value = ""
850 MasoAIETextBox.Value = ""
851 MasoAIVTextBox.Value = ""
852 KezdopontKiteroTextBox.Value = ""
853 KiteroKivalasztottTextBox.Value = ""
854 NormalAtmenetiivCheckBox = True
855 Call CheckBox1_Click
856 Call CheckBox2_Click
857 End Sub
858 Private Sub IvTipusComboBox_Change()
859     Dim index As Integer
860     index = IvTipusComboBox.ListIndex
861
862     Select Case index
863     Case Is = 0
864         AtmenetiIvFrame.Visible = False
865         KiteroFrame.Visible = False
866         lblR.Visible = True
867         lblRmertekegyseg.Visible = True
868         TisztaiVFrame.Visible = True
869         TulemelesTextBox.Visible = True
870         TulemelesMLabel.Visible = True
871         TulemelesMMLabel.Visible = True
872         SugarTextBox.Visible = True
873         IranyComboBox.Visible = True
874         lblIvtipus.Caption = "Kérem adja meg az ív típusát és irányát"
875         lblIvparameter.Caption = "Kérem adja meg az ív paramétereit"
876     Case Is = 1
877         TisztaiVFrame.Visible = False
878         KiteroFrame.Visible = False
879         lblR.Visible = True
880         lblRmertekegyseg.Visible = True
881         AtmenetiIvFrame.Visible = True
882         TulemelesTextBox.Visible = True
883         TulemelesMLabel.Visible = True
884         TulemelesMMLabel.Visible = True
885         SugarTextBox.Visible = True
886         IranyComboBox.Visible = True
887         lblIvtipus.Caption = "Kérem adja meg az ív típusát és irányát"
888         lblIvparameter.Caption = "Kérem adja meg az ív paramétereit"
889     Case Is = 2
890         TisztaiVFrame.Visible = False
891         AtmenetiIvFrame.Visible = False
892         TulemelesTextBox.Visible = False

```

```

893     TulemelesMLabel.Visible = False
894     TulemelesMMLLabel.Visible = False
895     SugarTextBox.Visible = False
896     lblR.Visible = False
897     lblRmertekegység.Visible = False
898     KiteroFrame.Visible = True
899     IranyComboBox.Visible = False
900     lblIvtípus.Caption = "Kérem adja meg az ív típusát"
901     lblIvparameter.Caption = "Kérem adja meg a kitérő paramétereit"
902 End Select
903 End Sub
904 Private Sub SugarTextBox_Change()
905     If SugarTextBox.Value = "" Then
906         VonalvezetesUserForm.KotelezoSzovegLabel.Caption = "Kötelező mező"
907     ElseIf Not IsNumeric(SugarTextBox.Value) Then
908         SugarTextBox.Value = ""
909         VonalvezetesUserForm.KotelezoSzovegLabel.Caption = "A mező csak
számokat tartalmazhat!"
910     Else
911         VonalvezetesUserForm.KotelezoSzovegLabel.Caption = ""
912     End If
913 End Sub
914 Private Sub TulemelesTextBox_Change()
915     If TulemelesTextBox.Value = "" Then
916         VonalvezetesUserForm.KotelezoSzovegLabel.Caption = "Kötelező mező"
917     ElseIf Not IsNumeric(TulemelesTextBox.Value) Then
918         TulemelesTextBox.Value = ""
919         VonalvezetesUserForm.KotelezoSzovegLabel.Caption = "A mező csak
számokat tartalmazhat!"
920     Else
921         VonalvezetesUserForm.KotelezoSzovegLabel.Caption = ""
922     End If
923 End Sub
924 Private Sub BemenoAtmenetiCheckBox_Click()
925     If BemenoAtmenetiCheckBox = True Then
926         If NormalAtmenetiivCheckBox = True Then NormalAtmenetiivCheckBox =
False
927         If KimenoAtmenetiCheckBox = True Then KimenoAtmenetiCheckBox = False
928     End If
929     ElsoAIVTextBox.Visible = True
930     MasoAIETextBox.Visible = False
931     Label13.Visible = True
932     Label14.Visible = False
933     Label23.Visible = True
934     Label22.Visible = False
935     Label12.Caption = "1. ÁIE"
936     Label13.Caption = "1. ÁIV"
937     Label14.Caption = ""
938     Label15.Caption = "IV"
939 End Sub
940
941 Private Sub KimenoAtmenetiCheckBox_Click()
942     If KimenoAtmenetiCheckBox = True Then

```

```

943     If NormalAtmenetiivCheckBox = True Then NormalAtmenetiivCheckBox =
False
944     If BemenoAtmenetiCheckBox = True Then BemenoAtmenetiCheckBox = False
945     End If
946     ElsoAIVTextBox.Visible = False
947     MasoAIETextBox.Visible = True
948     Label13.Visible = False
949     Label14.Visible = True
950     Label23.Visible = False
951     Label22.Visible = True
952     Label12.Caption = "IE"
953     Label13.Caption = ""
954     Label14.Caption = "2. ÁIE"
955     Label15.Caption = "2. ÁIV"
956
957 End Sub
958 Private Sub NormalAtmenetiivCheckBox_Click()
959     If NormalAtmenetiivCheckBox = True Then
960         If KimenoAtmenetiCheckBox = True Then KimenoAtmenetiCheckBox = False
961         If BemenoAtmenetiCheckBox = True Then BemenoAtmenetiCheckBox = False
962     End If
963     ElsoAIVTextBox.Visible = True
964     MasoAIETextBox.Visible = True
965     Label13.Visible = True
966     Label14.Visible = True
967     Label23.Visible = True
968     Label22.Visible = True
969     Label12.Caption = "1. ÁIE"
970     Label13.Caption = "1. ÁIV"
971     Label14.Caption = "2. ÁIE"
972     Label15.Caption = "2. ÁIV"
973
974 End Sub
975 Private Sub UrlapTorles()
976     SugarTextBox.Value = ""
977     TulemelesTextBox.Value = ""
978     TisztaIETextBox.Value = ""
979     TisztaIVTextBox.Value = ""
980     ElsoAIETextBox.Value = ""
981     ElsoAIVTextBox.Value = ""
982     MasoAIETextBox.Value = ""
983     MasoAIVTextBox.Value = ""
984     KezdopontKiteroTextBox.Value = ""
985     VonalvezetesUserForm.KotelezoSzovegLabel.Caption = ""
986     VonalvezetesUserForm.Label25.Caption = ""
987     VonalvezetesUserForm.InfoLabelTiszta.Caption = ""
988 End Sub
989
990 Private Sub TobbKiteroKivalasztasCommandButton_Click()
991     Dim r, t As Range
992     With Worksheets("Kiteroadatok")
993         Set r = .Range("A2", .Range("A80000").End(xlUp))
994     End With

```

```

995
996     KiteroKivalasztasUserForm.KiteroTipusokListaListBox.RowSource =
"Kiteroadatok!" & r.Address
997
998     With Worksheets("Kitero_Csoportok")
999         Set t = .Range("A2", .Range("A80000").End(xlUp))
1000     End With
1001     KiteroKivalasztasUserForm.ComboBox.RowSource = "Kitero_Csoportok!" &
t.Address
1002
1003     KiteroKivalasztasUserForm.Show
1004 End Sub
1005 Private Sub OKButton_Click()
1006     Dim emptyRow, emptyRow_m2, emptyRow_m1, emptyRow_2, emptyRow_3,
emptyRow_4, emptyRow_5, emptyRow_6, emptyRow_7, emptyRow_8,
emptyRow_9, emptyRow_10 As Long
1007     Dim r As Variant
1008     Dim munkalap As Worksheet
1009     Dim strNeve As String
1010     Dim ellenorzo As Boolean
1011     Dim index, index_irany, index_iv As Integer
1012     Dim rang As Range
1013     Dim kiteronevkeresendo As String
1014     Dim sorszama As Long
1015     Dim h1, h2, l, R1, R2, IR1, IR2, L2, lh, e As Long
1016
1017     r = SugarTextBox.Value
1018     index = VonalkivalasztasaUserForm.IvTipusComboBox.ListIndex
1019     index_irany = IranyComboBox.ListIndex
1020     index_iv = IvTipusComboBox.ListIndex
1021
1022     If IranyComboBox.Visible = True Then
1023         If Me.IranyComboBox.ListIndex = -1 Then
1024             Me.OKButton.MousePointer = fmMousePointerNoDrop
1025             Exit Sub
1026         Else
1027             Me.OKButton.MousePointer = fmMousePointerCustom
1028         End If
1029     End If
1030
1031     If IvTipusComboBox.ListIndex = -1 Then
1032         Me.OKButton.MousePointer = fmMousePointerNoDrop
1033         Exit Sub
1034     Else
1035         Me.OKButton.MousePointer = fmMousePointerCustom
1036     End If
1037
1038     On Error Resume Next
1039
1040     emptyRow_m2 = WorksheetFunction.CountA(Range("A:A")) - 1
1041     emptyRow_m1 = WorksheetFunction.CountA(Range("A:A")) + 1
1042     emptyRow = WorksheetFunction.CountA(Range("A:A")) + 2
1043     emptyRow_2 = WorksheetFunction.CountA(Range("A:A")) + 3

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1044 emptyRow_3 = WorksheetFunction.CountA(Range("A:A")) + 4
1045 emptyRow_4 = WorksheetFunction.CountA(Range("A:A")) + 5
1046 emptyRow_5 = WorksheetFunction.CountA(Range("A:A")) + 6
1047 emptyRow_6 = WorksheetFunction.CountA(Range("A:A")) + 7
1048 emptyRow_7 = WorksheetFunction.CountA(Range("A:A")) + 8
1049 emptyRow_8 = WorksheetFunction.CountA(Range("A:A")) + 9
1050 emptyRow_9 = WorksheetFunction.CountA(Range("A:A")) + 10
1051 emptyRow_10 = WorksheetFunction.CountA(Range("A:A")) + 11
1052
1053 Cells(emptyRow_m1, 5).NumberFormat = "0.000"
1054
1055 Cells(emptyRow, 1).Value = IvNeveTextBox.Value & IvOldalTextBox.Value
1056 Cells(emptyRow, 1).Font.Bold = True
1057 Cells(emptyRow, 2).Value = IranyComboBox.Value
1058 Cells(emptyRow, 5).NumberFormat = "0.000"
1059 Cells(emptyRow, 5).HorizontalAlignment = xlRight
1060 Cells(emptyRow, 9).HorizontalAlignment = xlRight
1061 Cells(emptyRow, 10).NumberFormat = "0.000"
1062
1063 Cells(emptyRow_2, 1).Value = "R"
1064 Cells(emptyRow_2, 1).HorizontalAlignment = xlRight
1065 On Error Resume Next
1066 Select Case index_irany
1067     Case Is = 0
1068         Cells(emptyRow_2, 2).Value = r
1069     Case Is = 1
1070         Cells(emptyRow_2, 2).Value = r * (-1)
1071 End Select
1072 Cells(emptyRow_2, 2).NumberFormat = "0.00"
1073 Cells(emptyRow_2, 3).Value = "m"
1074 Cells(emptyRow_2, 5).NumberFormat = "0.000"
1075 Cells(emptyRow_2, 9).Value = "L1"
1076 Cells(emptyRow_2, 10).Formula = "=IF(RC[-5]="""",
0,IF(RC[-3]=0,ABS(RC[-5]-R[-1]C[-5]),0))"
1077 Cells(emptyRow_2, 10).NumberFormat = "0.000"
1078
1079 Cells(emptyRow_3, 1).Value = "m"
1080 Cells(emptyRow_3, 1).HorizontalAlignment = xlRight
1081 Cells(emptyRow_3, 2).Value = TulemelesTextBox.Value
1082 Cells(emptyRow_3, 3).Value = "mm"
1083 Cells(emptyRow_3, 5).NumberFormat = "0.000"
1084 Cells(emptyRow_3, 9).Value = "L2"
1085 Cells(emptyRow_3, 10).Formula = "=IF(RC[-5]="""",
0,IF(R[-1]C[-3]=0,ABS(RC[-5]-R[1]C[-5]),0))"
1086 Cells(emptyRow_3, 10).NumberFormat = "0.000"
1087
1088 Cells(emptyRow_4, 1).Value = Sheets("Fejlécek").Range("A8")
1089 Cells(emptyRow_4, 1).HorizontalAlignment = xlRight
1090 Cells(emptyRow_4, 2).NumberFormat = "0.000"
1091 Cells(emptyRow_4, 3).Value = ""
1092 Cells(emptyRow_4, 5).NumberFormat = "0.000"
1093 Cells(emptyRow_4, 5).HorizontalAlignment = xlRight
1094 Cells(emptyRow_4, 9).HorizontalAlignment = xlRight

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```

1095 Cells(emptyRow_4, 10).NumberFormat = "0.000"
1096
1097 Cells(emptyRow_5, 1).Value = " "
1098 Cells(emptyRow_5, 4).Value = "e"
1099 Cells(emptyRow_5, 5).NumberFormat = "0.000"
1100 Sheets("Fejlécek").Range("I8").Formula = IvNeveTextBox.Value
1101 Sheets("Fejlécek").Range("I8").HorizontalAlignment = xlRight
1102 Sheets("Fejlécek").Range("J8").Formula = IvOldalTextBox.Value
1103 Sheets("Fejlécek").Range("J9").Formula = KiteroAzonositoTextBox.Value
1104
1105 Select Case index_iv
1106 ' Tisztaiv
1107     Case Is = 0
1108         Cells(emptyRow_m1, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1109
1110         Cells(emptyRow, 4).Value = "IE"
1111         Cells(emptyRow, 5).Formula = TisztaIETextBox.Value
1112
1113         Cells(emptyRow_4, 2).Formula = "=180*(RC[8]/R[-2]C)/PI()"
1114         Cells(emptyRow_4, 4).Value = "IV"
1115         Cells(emptyRow_4, 5).Formula = TisztaIVTextBox.Value
1116         Cells(emptyRow_4, 9).Value = "IR"
1117         Cells(emptyRow_4, 10).Formula = "=ABS(RC[-5]-R[-3]C[-5])"
1118
1119         Cells(emptyRow_5, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1120
1121         With Range("A1:Z100")
1122             .Range(.Cells(emptyRow, 4), .Cells(emptyRow_4, 10)).Select
1123         End With
1124         With Selection.Interior
1125             .Pattern = xlSolid
1126             .PatternColorIndex = xlAutomatic
1127             .ThemeColor = xlThemeColorAccent6
1128             .TintAndShade = 0
1129             .PatternTintAndShade = 0
1130         End With
1131         With Selection.Font
1132             .ThemeColor = xlThemeColorLight1
1133             .TintAndShade = 0
1134         End With
1135 ' Átmenetiiv
1136     Case Is = 1
1137         If NormalAtmenetiivCheckBox = True Then
1138             Cells(emptyRow, 4).Value = "ÁIE"
1139             Cells(emptyRow, 5).Formula = ElsoAIETextBox.Value
1140
1141             Cells(emptyRow_2, 4).Value = "ÁIV"
1142             Cells(emptyRow_2, 5).Formula = ElsoAIVTextBox.Value
1143
1144             Cells(emptyRow_3, 4).Value = "ÁIV"
1145             Cells(emptyRow_3, 5).Formula = MasoAIETextBox.Value
1146
1147             Cells(emptyRow_4, 4).Value = "ÁIE"

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```

1148 Cells(emptyRow_4, 5).Formula = MasoAIVTextBox.Value
1149
1150 ElseIf BemenoAtmenetiCheckBox = True Then
1151     Cells(emptyRow, 4).Value = "ÁIE"
1152     Cells(emptyRow, 5).Formula = ElsoAIETextBox.Value
1153
1154     Cells(emptyRow_2, 4).Value = "ÁIV=IV"
1155     Cells(emptyRow_2, 5).Formula = ElsoAIVTextBox.Value
1156
1157     Cells(emptyRow_4, 4).Value = "IE"
1158     Cells(emptyRow_4, 5).Formula = MasoAIVTextBox.Value
1159
1160 Else:
1161     Cells(emptyRow, 4).Value = "IE"
1162     Cells(emptyRow, 5).Formula = ElsoAIETextBox.Value
1163
1164     Cells(emptyRow_3, 4).Value = "IV=ÁIV"
1165     Cells(emptyRow_3, 5).Formula = MasoAIETextBox.Value
1166
1167     Cells(emptyRow_4, 4).Value = "ÁIE"
1168     Cells(emptyRow_4, 5).Formula = MasoAIVTextBox.Value
1169 End If
1170
1171 Cells(emptyRow_m1, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1172
1173 Cells(emptyRow_4, 2).Formula = "=180*
((RC[8]-(R[-2]C[8]/2+R[-1]C[8]/2))/R[-2]C)/PI()"
1174 Cells(emptyRow_4, 9).Value = "Ih"
1175 Cells(emptyRow_4, 10).Formula = "=ABS(R[-3]C[-5]-RC[-5])"
1176
1177 Cells(emptyRow_5, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1178
1179 With Range("A1:Z100")
1180     .Range(.Cells(emptyRow, 4), .Cells(emptyRow_4, 10)).Select
1181 End With
1182
1183 With Selection.Interior
1184     .Pattern = xlSolid
1185     .PatternColorIndex = xlAutomatic
1186     .ThemeColor = xlThemeColorAccent5
1187     .TintAndShade = 0
1188     .PatternTintAndShade = 0
1189 End With
1190 With Selection.Font
1191     .ThemeColor = xlThemeColorLight1
1192     .TintAndShade = 0
1193 End With
1194 'Range("J:2").Formula = "=VALUE(TEXTJOIN("","",
TRUE,IFERROR(MID(RC[-10],ROW(INDIRECT("'"1:100'"')),1)+0,""))))"
1195 'Cells(emptyRow, 11).ThemeColor = xlThemeColorDark1
1196 'Kiterok
1197 Case Is = 2
1198 On Error Resume Next

```

```

1199
1200     kiteronevkeresendo = KiteroKivalasztottTextBox.Value
1201     On Error Resume Next
1202     Set rang = Sheets("Kiteroadatok").Columns("A:A").Find(What:=
kiteronevkeresendo, LookIn:=xlFormulas, LookAt:=xlWhole, SearchOrder:=
xlByRows, SearchDirection:=xlNext, MatchCase:=False, SearchFormat:=False)
1203     sorszama = rang.Row
1204
1205     h1 = Sheets("Kiteroadatok").Cells(sorszama, 3).Value
1206     h2 = Sheets("Kiteroadatok").Cells(sorszama, 4).Value
1207     l = Sheets("Kiteroadatok").Cells(sorszama, 5).Value
1208     R1 = Sheets("Kiteroadatok").Cells(sorszama, 6).Value
1209     R2 = Sheets("Kiteroadatok").Cells(sorszama, 7).Value
1210     IR1 = Sheets("Kiteroadatok").Cells(sorszama, 8).Value
1211     IR2 = Sheets("Kiteroadatok").Cells(sorszama, 9).Value
1212     L2 = Sheets("Kiteroadatok").Cells(sorszama, 10).Value
1213     Ih = Sheets("Kiteroadatok").Cells(sorszama, 11).Value
1214     e = Sheets("Kiteroadatok").Cells(sorszama, 12).Value
1215
1216 ' Kiterített irány és csucs felöl
1217
1218     If KiteritattIranyCheckBox = True And CsucsFelolCheckBox = True Then
1219
1220         Cells(emptyRow_m1, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1221
1222         Cells(emptyRow, 2).Formula = ComboBox1.Value
1223         Cells(emptyRow, 3).Formula = "csúcs felöl"
1224         Cells(emptyRow, 9).Formula = "s"
1225         Cells(emptyRow, 10).Formula = "=VLOOKUP(R[1]C[-
3],KiteroAdatok[#All],12,FALSE)"
1226         Cells(emptyRow, 11).Formula = "=IF(RC[-9]="""jobbos""",13,-13)"
1227         Cells(emptyRow_6, 11).Formula = "=IF(RC[-9]="""jobbos""",13,-13)"
1228
1229         With Range("A1:Z100")
1230             .Range(.Cells(emptyRow, 11), .Cells(emptyRow_6, 11)).Select
1231         End With
1232
1233         With Selection.Font
1234             .ThemeColor = xlThemeColorDark1
1235             .TintAndShade = 0
1236         End With
1237
1238         Cells(emptyRow_2, 2).Formula = "=IF(R[-
1]C="""jobbos""",VLOOKUP(RC[5],KiteroAdatok[#All],6,FALSE),-
1*VLOOKUP(RC[5],KiteroAdatok[#All],6,FALSE))"
1239
1240         Cells(emptyRow_4, 2).Formula = "=DEGREES(RC[8]/R[-2]C)"
1241         Cells(emptyRow_4, 4).Value = "IV"
1242         Cells(emptyRow_4, 5).Formula = "=RC[5]+R[-3]C"
1243         Cells(emptyRow_4, 9).Formula = "IR1"
1244         Cells(emptyRow_4, 10).Formula = "=VLOOKUP(R[-2]C[-
3],KiteroAdatok[#All],8,FALSE)"
1245

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```

1246 Cells(emptyRow_5, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1247
1248 Cells(emptyRow_6, 1).Formula = "=R[-5]C"
1249 Cells(emptyRow_6, 1).Font.Bold = True
1250 Cells(emptyRow_6, 2).Formula = "=R[-5]C"
1251 Cells(emptyRow_6, 3).Formula = "=R[-5]C"
1252 Cells(emptyRow_6, 4).Value = "IE"
1253 Cells(emptyRow_6, 5).Formula = "=R[-2]C"
1254 Cells(emptyRow_6, 5).NumberFormat = "0.000"
1255 With Range("A1:Z100")
1256     .Range(.Cells(emptyRow_6, 6), .Cells(emptyRow_6, 6)).Select
1257 End With
1258 Selection.Merge
1259 Selection.HorizontalAlignment = xlCenter
1260 Selection.VerticalAlignment = xlCenter
1261 Cells(emptyRow_6, 9).Formula = "s"
1262 Cells(emptyRow_6, 9).HorizontalAlignment = xlRight
1263 Cells(emptyRow_6, 10).Formula = "=R[-5]C"
1264 Cells(emptyRow_6, 10).NumberFormat = "0.000"
1265 'Cells(emptyRow_6, 11).Formula = "=IF(RC[-9]=""jobbos"";13;-13)"
1266
1267 Cells(emptyRow_7, 1).Formula = "R"
1268 Cells(emptyRow_7, 1).HorizontalAlignment = xlRight
1269 Cells(emptyRow_7, 2).Formula = _
1270     "=IF(R[-1]C=""jobbos"",IF(VLOOKUP(R[-
1271 5]C[5],KiteroAdatok[#All],7,FALSE)=0, ""Azonos"", VLOOKUP(R[-
1272 5]C[5],KiteroAdatok[#All],7,FALSE)),IF(VLOOKUP(R[-
1273 5]C[5],KiteroAdatok[#All],7,FALSE)=0, ""Azonos"", -1 * VLOOKUP(R[-
1274 5]C[5],KiteroAdatok[#All],7,FALSE)))"
1275 ' =IF(R[-1]C=""jobbos"",IF(VLOOKUP(R[-
1276 5]C[5],KiteroAdatok[#All],7,FALSE)=0,R[-5]C, VLOOKUP(R[-
1277 5]C[5],KiteroAdatok[#All],7,FALSE)),IF(VLOOKUP(R[-
1278 5]C[5],KiteroAdatok[#All],7,FALSE)=0,R[-5]C,-1 * VLOOKUP(R[-
1279 5]C[5],KiteroAdatok[#All],7,FALSE)))
1280 Cells(emptyRow_7, 2).NumberFormat = "0.00"
1281 Cells(emptyRow_7, 3).Formula = "m"
1282 Cells(emptyRow_7, 7).Formula = "=R[-5]C"
1283 Cells(emptyRow_7, 9).Formula = "L1"
1284 Cells(emptyRow_7, 10).Formula = "=0"
1285 Cells(emptyRow_7, 10).NumberFormat = "0.000"
1286
1287 Cells(emptyRow_8, 1).Formula = "m"
1288 Cells(emptyRow_8, 1).HorizontalAlignment = xlRight
1289 Cells(emptyRow_8, 2).Value = TulemelesTextBox.Value
1290 Cells(emptyRow_8, 2).NumberFormat = "0.00"
1291 Cells(emptyRow_8, 3).Formula = "mm"
1292 Cells(emptyRow_8, 9).Formula = "L2"
1293 Cells(emptyRow_8, 10).Formula = "=0"
1294 Cells(emptyRow_8, 10).NumberFormat = "0.000"
1295
1296 Cells(emptyRow_9, 1).Formula = "=R[-5]C"
1297 Cells(emptyRow_9, 1).HorizontalAlignment = xlRight
1298 Cells(emptyRow_9, 2).Formula = "=DEGREES(RC[8]/R[-2]C)"

```

```

1291 Cells(emptyRow_9, 2).NumberFormat = "0.00"
1292 Cells(emptyRow_9, 3).Formula = ""
1293 Cells(emptyRow_9, 5).Formula = "=R[-3]C+R[-3]C[5]+RC[5]"
1294 Cells(emptyRow_9, 5).NumberFormat = "0.000"
1295 Cells(emptyRow_9, 9).Value = _
1296 "=IF(VLOOKUP(R[-2]C[-
2],KiteroAdatok[#All],10,FALSE)=RC[1],""L"",""IR2"")"
1297 Cells(emptyRow_9, 9).HorizontalAlignment = xlRight
1298 Cells(emptyRow_9, 10).Value = _
1299 "=IF(VLOOKUP(R[-7]C[-
3],KiteroAdatok[#All],9,FALSE)=0,(IF(VLOOKUP(R[-7]C[-
3],KiteroAdatok[#All],10,FALSE)>0,(VLOOKUP(R[-7]C[-
3],KiteroAdatok[#All],10,FALSE)),R[-5]C)),(VLOOKUP(R[-7]C[-
3],KiteroAdatok[#All],9,FALSE)))"
1300 Cells(emptyRow_9, 10).NumberFormat = "0.000"
1301
1302 Cells(emptyRow_10, 1).Formula = " "
1303 Cells(emptyRow_10, 4).Formula = "e"
1304 Cells(emptyRow_10, 5).Formula = "=ABS(R[1]C-R[1]C)"
1305 Cells(emptyRow_10, 5).NumberFormat = "0.000"
1306
1307 Cells(emptyRow, 4).Value = "KE=IE"
1308 Cells(emptyRow_8, 5).Formula = "=IF(R[-7]C[5]>0,R[1]C-R[-
7]C[5],""""")"
1309 Cells(emptyRow_8, 4).Formula = "=IF(R[-7]C[6]>0, ""IV"", """"")"
1310 Cells(emptyRow_9, 4).Formula = "=IF(R[-8]C[6]>0, ""KV"", ""KV=IV"")"
1311
1312 With Range("A1:Z100")
1313 .Range(.Cells(emptyRow_7, 7), .Cells(emptyRow_8, 8)).Merge
1314 End With
1315
1316 With Range("A1:Z100")
1317 .Range(.Cells(emptyRow_7, 7), .Cells(emptyRow_8, 8)).Select
1318 End With
1319 With Selection
1320 .HorizontalAlignment = xlCenter
1321 .VerticalAlignment = xlCenter
1322 .WrapText = False
1323 .Orientation = 0
1324 .AddIndent = False
1325 .IndentLevel = 0
1326 .ShrinkToFit = False
1327 .ReadingOrder = xlContext
1328 .MergeCells = True
1329 End With
1330
1331 With Range("A1:Z100")
1332 .Range(.Cells(emptyRow_6, 4), .Cells(emptyRow_9, 10)).Select
1333 End With
1334 With Selection.Interior
1335 .Pattern = xlSolid
1336 .PatternColorIndex = xlAutomatic
1337 .ThemeColor = xlThemeColorLight1

```

```

1338         .TintAndShade = 0
1339         .PatternTintAndShade = 0
1340     End With
1341     With Selection.Font
1342         .ThemeColor = xlThemeColorDark1
1343         .TintAndShade = 0
1344     End With
1345
1346     ' Kiterített irány gyök felől
1347
1348     ElseIf KiterítettIranyCheckBox = True And GyökFelolCheckBox = True Then
1349
1350         Cells(emptyRow_m1, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1351
1352         Cells(emptyRow, 2).Formula = ComboBox1.Value
1353         Cells(emptyRow, 3).Formula = "gyök felől"
1354         Cells(emptyRow, 9).Formula = "s"
1355         Cells(emptyRow, 10).Formula = "=VLOOKUP(R[1]C[-
3],KiteroAdatok[#All],12,FALSE)"
1356         Cells(emptyRow, 11).Formula = "=IF(RC[-9]=""jobbos"",31,-31)"
1357         Cells(emptyRow_6, 11).Formula = "=IF(RC[-9]=""jobbos"",31,-31)"
1358
1359         With Range("A1:Z100")
1360             .Range(.Cells(emptyRow, 11), .Cells(emptyRow_6, 11)).Select
1361         End With
1362
1363         With Selection.Font
1364             .ThemeColor = xlThemeColorDark1
1365             .TintAndShade = 0
1366         End With
1367
1368         Cells(emptyRow_2, 2).Formula = _
1369             "=IF(R[-1]C=""jobbos"",IF(VLOOKUP(RC[5],
KiteroAdatok[#All],7,FALSE)=
0, ""Azonos"", VLOOKUP(RC[5],KiteroAdatok[#All],7,FALSE)),
IF(VLOOKUP(RC[5],KiteroAdatok[#All],7,FALSE)=0, ""Azonos"",-
1*VLOOKUP(RC[5],KiteroAdatok[#All],7,FALSE)))"
1370
1371         Cells(emptyRow_4, 2).Formula = "=DEGREES(RC[8]/R[-2]C)"
1372         Cells(emptyRow_4, 4).Value = "IE"
1373         Cells(emptyRow_4, 5).Formula = "=RC[5]+R[-3]C+R[-3]C[5]"
1374         Cells(emptyRow_4, 9).Formula = "=IF(VLOOKUP(R[-2]C[-
2],KiteroAdatok[#All],10,FALSE)=RC[1], ""L"", ""IR2"*)"
1375         Cells(emptyRow_4, 10).Formula = _
1376             "=IF(VLOOKUP(R[-2]C[-
3],KiteroAdatok[#All],9,FALSE)=0,(IF(VLOOKUP(R[-2]C[-
3],KiteroAdatok[#All],10,FALSE)>0,(VLOOKUP(R[-2]C[-
3],KiteroAdatok[#All],10,FALSE)),R[5]C)),(VLOOKUP(R[-2]C[-
3],KiteroAdatok[#All],9,FALSE)))"
1377         Cells(emptyRow_4, 10).NumberFormat = "0.000"
1378
1379         Cells(emptyRow_5, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1380

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```

1381 Cells(emptyRow_6, 1).Formula = "=R[-5]C"
1382 Cells(emptyRow_6, 1).Font.Bold = True
1383 Cells(emptyRow_6, 2).Formula = "=R[-5]C"
1384 Cells(emptyRow_6, 3).Formula = "=R[-5]C"
1385 Cells(emptyRow_6, 4).Value = "IV"
1386 Cells(emptyRow_6, 5).Formula = "=R[-2]C"
1387 Cells(emptyRow_6, 5).NumberFormat = "0.000"
1388 With Range("A1:Z100")
1389     .Range(.Cells(emptyRow_6, 6), .Cells(emptyRow_6, 6)).Select
1390 End With
1391 Selection.Merge
1392 Selection.HorizontalAlignment = xlCenter
1393 Selection.VerticalAlignment = xlCenter
1394 Cells(emptyRow_6, 9).Formula = "s"
1395 Cells(emptyRow_6, 9).HorizontalAlignment = xlRight
1396 Cells(emptyRow_6, 10).Formula = "=R[-5]C"
1397 Cells(emptyRow_6, 10).NumberFormat = "0.000"
1398
1399 Cells(emptyRow_7, 1).Formula = "R"
1400 Cells(emptyRow_7, 1).HorizontalAlignment = xlRight
1401 Cells(emptyRow_7, 2).Formula = _
1402     "=IF(R[-1]C=""jobbos"",VLOOKUP(R[-5]C[5],
KiteroAdatok[#All],6,FALSE),-1*VLOOKUP(R[-5]C[5],
KiteroAdatok[#All],6,FALSE))"
1403 Cells(emptyRow_7, 2).NumberFormat = "0.00"
1404 Cells(emptyRow_7, 3).Formula = "m"
1405 Cells(emptyRow_7, 7).Formula = "=R[-5]C"
1406 Cells(emptyRow_7, 9).Formula = "L1"
1407 Cells(emptyRow_7, 10).Formula = "=0"
1408 Cells(emptyRow_7, 10).NumberFormat = "0.000"
1409
1410 Cells(emptyRow_8, 1).Formula = "m"
1411 Cells(emptyRow_8, 1).HorizontalAlignment = xlRight
1412 Cells(emptyRow_8, 2).Value = TulemelesTextBox.Value
1413 Cells(emptyRow_8, 2).NumberFormat = "0.00"
1414 Cells(emptyRow_8, 3).Formula = "mm"
1415 Cells(emptyRow_8, 9).Formula = "L2"
1416 Cells(emptyRow_8, 10).Formula = "=0"
1417 Cells(emptyRow_8, 10).NumberFormat = "0.000"
1418
1419 Cells(emptyRow_9, 1).Formula = "=R[-5]C"
1420 Cells(emptyRow_9, 1).HorizontalAlignment = xlRight
1421 Cells(emptyRow_9, 2).Formula = "=DEGREES(RC[8]/R[-2]C)"
1422 Cells(emptyRow_9, 2).NumberFormat = "0.000"
1423 Cells(emptyRow_9, 3).Formula = "°"
1424 Cells(emptyRow_9, 5).Formula = "=R[-3]C+R[-3]C[5]"
1425 Cells(emptyRow_9, 5).NumberFormat = "0.000"
1426 Cells(emptyRow_9, 9).Value = "IR1"
1427 Cells(emptyRow_9, 9).HorizontalAlignment = xlRight
1428 Cells(emptyRow_9, 10).Value = _
1429     "=VLOOKUP(R[-7]C[-3],KiteroAdatok[#All],8,FALSE)"
1430 Cells(emptyRow_9, 10).NumberFormat = "0.000"
1431

```

```

1432 Cells(emptyRow_m1, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1433 Cells(emptyRow_10, 1).Formula = " "
1434 Cells(emptyRow_10, 4).Formula = "e"
1435 Cells(emptyRow_10, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1436 Cells(emptyRow_10, 5).NumberFormat = "0.000"
1437
1438 Cells(emptyRow, 4).Value = "=IF(RC[6]>0, ""KV"", ""KV=IV"*)"
1439 Cells(emptyRow_2, 5).Formula = "=IF(R[-1]C[5]>0,R[-1]C+R[-
1440 1]C[5],""*)"
1441 Cells(emptyRow_2, 4).Formula = "=IF(R[-1]C[6]>0, ""IV"", ""*)"
1442 Cells(emptyRow_9, 4).Formula = "KE=IE"
1443
1444 With Range("A1:Z100")
1445 .Range(.Cells(emptyRow_7, 7), .Cells(emptyRow_8, 8)).Merge
1446 End With
1447
1448 With Range("A1:Z100")
1449 .Range(.Cells(emptyRow_7, 7), .Cells(emptyRow_8, 8)).Select
1450 End With
1451 With Selection
1452 .HorizontalAlignment = xlCenter
1453 .VerticalAlignment = xlCenter
1454 .WrapText = False
1455 .Orientation = 0
1456 .AddIndent = False
1457 .IndentLevel = 0
1458 .ShrinkToFit = False
1459 .ReadingOrder = xlContext
1460 .MergeCells = True
1461 End With
1462
1463 With Range("A1:Z100")
1464 .Range(.Cells(emptyRow_6, 4), .Cells(emptyRow_9, 10)).Select
1465 End With
1466 With Selection.Interior
1467 .Pattern = xlSolid
1468 .PatternColorIndex = xlAutomatic
1469 .ThemeColor = xlThemeColorLight1
1470 .TintAndShade = 0
1471 .PatternTintAndShade = 0
1472 End With
1473 With Selection.Font
1474 .ThemeColor = xlThemeColorDark1
1475 .TintAndShade = 0
1476 End With
1477 'Egyenesen csucs felöl
1478
1479 ElseIf EgyenesenCheckBox = True And CsucsFelolCheckBox = True Then
1480
1481 Cells(emptyRow_m1, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1482 Cells(emptyRow, 2).Value = "Egyenesen"
1483 Cells(emptyRow, 3).Value = "csúcs felöl"

```

```

1484 Cells(emptyRow, 4).Value = "KE"
1485 Cells(emptyRow, 9).Formula = "s"
1486 Cells(emptyRow, 10).Formula = _
1487     "=VLOOKUP(R[1]C[-3],KiteroAdatok[#All],12,FALSE)"
1488 Cells(emptyRow, 11).Formula = "=IF(RC[-9]="""jobbos""",12,-12)"
1489
1490 With Range("A1:Z100")
1491     .Range(.Cells(emptyRow, 11), .Cells(emptyRow, 11)).Select
1492 End With
1493
1494 With Selection.Font
1495     .ThemeColor = xlThemeColorDark1
1496     .TintAndShade = 0
1497 End With
1498
1499 Cells(emptyRow_2, 1).Formula = " "
1500 Cells(emptyRow_2, 2).Formula = ""
1501 Cells(emptyRow_2, 3).Formula = ""
1502 Cells(emptyRow_2, 9).Formula = ""
1503
1504 Cells(emptyRow_3, 1).Formula = " "
1505 Cells(emptyRow_3, 2).Formula = ""
1506 Cells(emptyRow_3, 3).Formula = ""
1507 Cells(emptyRow_3, 9).Formula = ""
1508
1509 Cells(emptyRow_4, 1).Formula = " "
1510 Cells(emptyRow_4, 2).Formula = ""
1511 Cells(emptyRow_4, 3).Formula = ""
1512 Cells(emptyRow_4, 4).Value = "KV"
1513 Cells(emptyRow_4, 5).Formula = "=R[-3]C+R[-3]C[5]+RC[5]"
1514 Cells(emptyRow_4, 9).Formula = "H"
1515 Cells(emptyRow_4, 10).Formula = _
1516     "=VLOOKUP(R[-2]C[-3],KiteroAdatok[#All],3,FALSE)
+VLOOKUP(R[-2]C[-3],KiteroAdatok[#All],4,FALSE)"
1517
1518 Cells(emptyRow_5, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1519
1520 ElseIf EgyenesenCheckBox = True And GyokFelolCheckBox = True Then
1521     Cells(emptyRow_m1, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1522     Cells(emptyRow, 2).Value = "Egyenesen"
1523     Cells(emptyRow, 3).Value = "gyök felöl"
1524     Cells(emptyRow, 4).Value = "KV"
1525     Cells(emptyRow, 9).Formula = "s"
1526     Cells(emptyRow, 10).Formula = _
1527         "=VLOOKUP(R[1]C[-3],KiteroAdatok[#All],12,FALSE)"
1528     Cells(emptyRow, 11).Formula = "=IF(RC[-9]="""jobbos""",21,-21)"
1529
1530 With Range("A1:Z100")
1531     .Range(.Cells(emptyRow, 11), .Cells(emptyRow, 11)).Select
1532 End With
1533
1534 With Selection.Font
1535     .ThemeColor = xlThemeColorDark1

```

```

1536         .TintAndShade = 0
1537     End With
1538
1539     Cells(emptyRow_2, 1).Formula = " "
1540     Cells(emptyRow_2, 2).Formula = ""
1541     Cells(emptyRow_2, 3).Formula = ""
1542     Cells(emptyRow_2, 9).Formula = ""
1543
1544     Cells(emptyRow_3, 1).Formula = " "
1545     Cells(emptyRow_3, 2).Formula = ""
1546     Cells(emptyRow_3, 3).Formula = ""
1547     Cells(emptyRow_3, 9).Formula = ""
1548
1549     Cells(emptyRow_4, 1).Formula = " "
1550     Cells(emptyRow_4, 2).Formula = ""
1551     Cells(emptyRow_4, 3).Formula = ""
1552     Cells(emptyRow_4, 4).Value = "KE"
1553     Cells(emptyRow_4, 5).Formula = "=R[-3]C+R[-3]C[5]+RC[5]"
1554     Cells(emptyRow_4, 9).Formula = "H"
1555     Cells(emptyRow_4, 10).Formula = _
1556         "=VLOOKUP(R[-2]C[-3],KiteroAdatok[#All],3,FALSE)
+VLOOKUP(R[-2]C[-3],KiteroAdatok[#All],4,FALSE)"
1557
1558     Cells(emptyRow_5, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1559
1560 End If
1561
1562 TulemelesMLabel.Visible = False
1563 TulemelesTextBox.Visible = False
1564 TulemelesMMLLabel.Visible = False
1565
1566 Cells(emptyRow, 1).Value = KiteroAzonositoTextBox.Value
1567 Cells(emptyRow, 1).NumberFormat = "@"
1568 Cells(emptyRow, 5).Formula = KezdopontKiteroTextBox.Value
1569
1570 With Range("A1:Z100")
1571     .Range(.Cells(emptyRow_2, 7), .Cells(emptyRow_3, 8)).Merge
1572 End With
1573 With Range("A1:Z100")
1574     .Range(.Cells(emptyRow_2, 7), .Cells(emptyRow_3, 8)).Select
1575 End With
1576 With Selection
1577     .HorizontalAlignment = xlCenter
1578     .VerticalAlignment = xlCenter
1579     .WrapText = False
1580     .Orientation = 0
1581     .AddIndent = False
1582     .IndentLevel = 0
1583     .ShrinkToFit = False
1584     .ReadingOrder = xlContext
1585     .MergeCells = True
1586 End With
1587 Cells(emptyRow_2, 7).Value = KiteroKivalasztottTextBox.Value

```

```

1588 With Range("A1:Z100")
1589     .Range(.Cells(emptyRow, 4), .Cells(emptyRow_4, 10)).Select
1590 End With
1591
1592 With Selection.Interior
1593     .Pattern = xlSolid
1594     .PatternColorIndex = xlAutomatic
1595     .ThemeColor = xlThemeColorDark1
1596     .TintAndShade = 0
1597     .Color = 0
1598     .PatternTintAndShade = 0
1599 End With
1600 With Selection.Font
1601     .ThemeColor = xlThemeColorDark1
1602     .TintAndShade = 0
1603 End With
1604 With Range("A1:Z100")
1605     .Range(.Cells(emptyRow_5, 1), .Cells(emptyRow_5, 1)).Select
1606 End With
1607 End Select
1608
1609 If CheckBox1 = True Then
1610
1611     Dim oldal As String
1612     Dim ertek As Double
1613     Dim z As Range
1614     oldal = ActiveSheet.Name
1615     With Sheets(oldal)
1616         Set z = .Range("E4", .Range("E1048576").End(xlUp))
1617     End With
1618     ertek = Sheets(oldal).Cells(z.Count + 3, 5).Value
1619     Sheets(oldal).Cells(z.Count + 3, 5).Formula = "=ABS(R[-1]C+" &
    TextBox1.Value & ")"
1620     Me.Hide
1621 End If
1622
1623 Call UralapTorles
1624
1625 If Cells(emptyRow_7, 2).Value = "Azonos" Then
1626     With Range("A1:Z100")
1627         .Range(.Cells(emptyRow_6, 1), .Cells(emptyRow_10, 1)).Select
1628     End With
1629     Selection.EntireRow.Clear
1630     Cells(emptyRow_5, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1631     Cells(emptyRow_3, 5).Formula = "=IF(R[-2]C[5]=0,"""",R[-2]C+R[1]C[5])"
1632     Cells(emptyRow_3, 4).Formula = "=IF(R[-2]C[6]=0,"""",""IV"")"
1633     Cells(emptyRow_4, 4).Formula = "=IF(R[-3]C[6]=RC[1],""KV=IV"",""KV"")"
1634     Cells(emptyRow_4, 5).Formula = "=IF(R[-3]C[5]=0,R[-3]C+
    RC[5],R[-1]C+R[-3]C[5])"
1635     Cells(emptyRow_4, 9).Formula = "IR"
1636
1637 ElseIf Cells(emptyRow_2, 2).Value = "Azonos" Then
1638     With Range("A1:Z100")

```

```

1639         .Range(.Cells(emptyRow_6, 1), .Cells(emptyRow_10, 1)).Select
1640     End With
1641     Selection.EntireRow.Clear
1642     Cells(emptyRow_2, 2).Formula = "=IF(R[-
1]C=""jobbos"",VLOOKUP(RC[5],KiteroAdatok[#All],6,FALSE),
VLOOKUP(RC[5],KiteroAdatok[#All],6,FALSE)*-1)"
1643     Cells(emptyRow_4, 4).Formula = "KE"
1644     Cells(emptyRow_4, 9).Formula = "IR"
1645     Cells(emptyRow_4, 10).Formula = "=IF(VLOOKUP(R[-2]C[-
3],KiteroAdatok[#All],9,FALSE)=0,(IF(VLOOKUP(R[-2]C[-
3],KiteroAdatok[#All],10,FALSE)>0,(VLOOKUP(R[-2]C[-
3],KiteroAdatok[#All],10,FALSE)),VLOOKUP(R[-2]C[-
3],KiteroAdatok[#All],8,FALSE))),VLOOKUP(R[-2]C[-3],
KiteroAdatok[#All],9,FALSE)))"
1646     Cells(emptyRow_5, 5).Formula = "=ABS(R[1]C-R[-1]C)"
1647 End If
1648 If KiteroFrame.Visible = True Then
1649     Range("J3").Formula = VonalvezetesUserForm.KiteroAzonositoTextBox.Value
1650     Range("K3").Formula = "=RIGHT(RC[-1],4)"
1651     VonalvezetesUserForm.KiteroAzonositoTextBox.Value = "K" &
Range("K3").Value + 1
1652     Sheets(munkalap).Range("K3").Value = ""
1653
1654     Cells(emptyRow, 6).Formula = _
1655     "=VLOOKUP(""" & KiteroKivalasztasUserForm.ComboBox.Value &
""",KiteroCsoport,2,FALSE)*10+" & TextBox2.Value
1656
1657     With Range("A1:Z100")
1658         .Range(.Cells(emptyRow, 6), .Cells(emptyRow_4, 6)).Select
1659     End With
1660     Selection.Merge
1661     Selection.HorizontalAlignment = xlCenter
1662     Selection.VerticalAlignment = xlCenter
1663 Else
1664     IvNeveTextBox.Value = IvNeveTextBox.Value + 1
1665 End If
1666
1667     Sheets(munkalap).Range("I2").Value =
VonalvezetesUserForm.IvNeveTextBox.Value
1668     Sheets(munkalap).Range("J2").Value =
VonalvezetesUserForm.IvOldalTextBox.Value
1669
1670 End Sub
1671 Private Sub CancelButton_Click()
1672     VonalvezetesUserForm.Hide
1673 End Sub
1674 Private Sub ClearButton_Click()
1675     Call UrlapTorles
1676 End Sub

```

KiteroKivalasztasUserForm nevű űrlaphoz tartozó kódrészlet

```

1677 Private Sub TobbKiteroKivalasztasCommandButton_Click()

```

```

1678 Dim r As Range
1679 With Worksheets("Kiteroadatok")
1680     Set r = .Range("A2", .Range("A80000").End(xlUp))
1681 End With
1682
1683 KiteroKivalasztasUserForm.KiteroTipusokListaListBox.RowSource =
"Kiteroadatok!" & r.Address
1684
1685 End Sub
1686 Private Sub KiteritattIranyCheckBox_Click()
1687     If KiteritattIranyCheckBox = True Then
1688         If CsucsFelolCheckBox = True Then CsucsFelolCheckBox = False
1689     End If
1690     Sheets("Kiteroadatok").ListObjects("KiteroAdatok").Range.AutoFilter Field:=2,
Criteria1:= _
1691     "48."
1692     KiteroKivalasztasUserForm.KiteroTipusokListaListBox.RowSource = ""
1693     Call TobbKiteroKivalasztasCommandButton_Click
1694
1695 End Sub
1696 Private Sub CsucsFelolCheckBox_Click()
1697     If CsucsFelolCheckBox = True Then
1698         If KiteritattIranyCheckBox = True Then KiteritattIranyCheckBox = False
1699     End If
1700     Sheets("Kiteroadatok").ListObjects("KiteroAdatok").Range.AutoFilter Field:=2,
Criteria1:= _
1701     "Ph."
1702     KiteroKivalasztasUserForm.KiteroTipusokListaListBox.RowSource = ""
1703     Call TobbKiteroKivalasztasCommandButton_Click
1704 End Sub
1705
1706 Private Sub KiteroTipusokListaListBox_Click()
1707
1708 End Sub
1709
1710 Private Sub KivalasztButton_Click()
1711     If KiteroTipusokListaListBox.ListIndex = -1 And ComboBox.ListIndex = -1 Then
1712         KivalasztButton.MousePointer = fmMousePointerNoDrop
1713     ElseIf KiteroTipusokListaListBox.ListIndex = -1 Then
1714         KivalasztButton.MousePointer = fmMousePointerNoDrop
1715     ElseIf ComboBox.ListIndex = -1 Then
1716         KivalasztButton.MousePointer = fmMousePointerNoDrop
1717     Else
1718         KivalasztButton.MousePointer = fmMousePointerCustom
1719         VonalvezetesUserForm.KiteroKivalasztottTextBox =
Me.KiteroTipusokListaListBox
1720         Me.Hide
1721
1722     End If
1723 End Sub
1724
1725 Private Sub UjKiteroRogzitesCommandButton_Click()
1726     KiterokRogzitesUserForm.Show

```

```

1727 End Sub
1728
1729 Private Sub VisszaElvetesCommandButton_Click()
1730     VonalvezetesUserForm.KiteroKivalasztottTextBox = ""
1731     Me.Hide
1732 End Sub
1733 Sub regi48()
1734
1735     Sheets("Kiteroadatok").ListObjects("KiteroAdatok").Range.AutoFilter Field:=2,
Criteria1:= _
1736         "48"
1737     KiteroKivalasztasUserForm.KiteroTipusokListaListBox.RowSource = ""
1738     Dim r As Range
1739     With Worksheets("Kiteroadatok")
1740         Set r = .Range("A2", .Range("A80000").End(xlUp))
1741     End With
1742
1743     KiteroKivalasztasUserForm.KiteroTipusokListaListBox.RowSource =
"Kiteroadatok!" & r.Address
1744
1745     Call TobbKiteroKivalasztasCommandButton_Click
1746 End Sub

```

FelepitmenyMegadasaUserForm nevű űrlaphoz tartozó kódrészlet

```

1746 Private Sub CancelFelepButton_Click()
1747     Me.Hide
1748 End Sub
1749
1750 Private Sub CheckBox1_Click()
1751     If CheckBox1 = True Then
1752         If CheckBox2 = True Then CheckBox2 = False
1753     End If
1754     Dim r As Range
1755     With Worksheets("Felepitmenyadatok")
1756         Set r = .Range("A2", .Range("A80000").End(xlUp))
1757     End With
1758
1759     FelepValasztoUserForm.FelepTipusokListaListBox.RowSource =
"Felepitmenyadatok!" & r.Address
1760 End Sub
1761
1762 Private Sub CheckBox2_Click()
1763     If CheckBox2 = True Then
1764         If CheckBox1 = True Then CheckBox1 = False
1765     End If
1766     Dim r As Range
1767     With Worksheets("FelépítményKieg")
1768         Set r = .Range("A2", .Range("A80000").End(xlUp))
1769     End With
1770

```

```

1771     FelepValasztoUserForm.FelepTipusokListaListBox.RowSource =
1772     "FelépítményKieg!" & r.Address
1773 End Sub
1774
1775 Private Sub FelepitmenyKezdeteTextBox_Change()
1776
1777     If FelepitmenyKezdeteTextBox.Value = "" Then
1778         Figyelem.Caption = "Kötelező mező"
1779     ElseIf Not IsNumeric(FelepitmenyKezdeteTextBox.Value) Then
1780         FelepitmenyKezdeteTextBox.Value = ""
1781         Figyelem.Caption = "A mező csak számokat tartalmazhat!"
1782     Else
1783         Figyelem.Caption = ""
1784     End If
1785 End Sub
1786
1787 Private Sub FelepVegeTextBox_Change()
1788
1789     If FelepVegeTextBox.Value = "" Then
1790         Label26.Caption = "Kötelező mező"
1791     ElseIf Not IsNumeric(FelepVegeTextBox.Value) Then
1792         FelepVegeTextBox.Value = ""
1793         Label26.Caption = "A mező csak számokat tartalmazhat!"
1794     Else
1795         Label26.Caption = ""
1796     End If
1797
1798 End Sub
1799
1800 Private Sub Image6_MouseMove(ByVal Button As Integer, ByVal Shift As Integer,
1801     ByVal X As Single, ByVal Y As Single)
1802     Label26.Caption = "Helyes számformátum: 123,00"
1803 End Sub
1804
1805 Private Sub Info_MouseMove(ByVal Button As Integer, ByVal Shift As Integer,
1806     ByVal X As Single, ByVal Y As Single)
1807     Figyelem.Caption = "Helyes számformátum: 123,00"
1808 End Sub
1809
1810 Private Sub OKFelepButton_Click()
1811     Dim emptyRow As Long
1812
1813     Dim munkalap As Worksheet
1814     Dim strNeve As String
1815     Dim ellenorzo As Boolean
1816     On Error Resume Next
1817     strNeve = VonalKivalasztasaUserForm.VonalKivalasztottTextBox.Value & "
1818     Felépítmény"
1819
1820     Sheets(strNeve).Activate
1821
1822     emptyRow = WorksheetFunction.CountA(Range("A:A")) + 2

```

```

1820
1821     If FelepitmenyKezdeteTextBox = "" And FelepVegeTextBox = "" And
1822     FelepitmenyKivalasztottTextBox = "" Then
1823         Figyelem.Caption = "Kötelező mező"
1824         Label26.Caption = "Kötelező mező"
1825         Label27.Caption = "Kötelező mező"
1826     ElseIf FelepitmenyKezdeteTextBox = "" Then
1827         Figyelem.Caption = "Kötelező mező"
1828     ElseIf FelepVegeTextBox = "" Then
1829         Label26.Caption = "Kötelező mező"
1830     ElseIf FelepitmenyKivalasztottTextBox = "" Then
1831         Label27.Caption = "Kötelező mező"
1832     Else
1833         Cells(emptyRow, 1).Value = FelepitmenyKezdeteTextBox.Value
1834         Cells(emptyRow, 2).Value = FelepVegeTextBox.Value
1835         Cells(emptyRow, 3).Formula = "=RC[-1]-RC[-2]"
1836         Cells(emptyRow, 4).Value = _
1837             "=IFERROR(VLOOKUP(RC[1],Felepitmenyek[#All],5,FALSE),
1838             VLOOKUP(RC[1],FelepitmenyKiegeszito[#All],5,FALSE))"
1839         Columns("D:D").EntireColumn.AutoFit
1840         Cells(emptyRow, 5).Value = FelepitmenyKivalasztottTextBox.Value
1841         Cells(emptyRow, 6).Value = _
1842             "=IFERROR(VLOOKUP(RC[-1],Felepitmenyek[#All],2,FALSE),
1843             VLOOKUP(RC[-1],FelepitmenyKiegeszito[#All],2,FALSE))"
1844         Cells(emptyRow, 7).Value = _
1845             "=IFERROR(VLOOKUP(RC[-2],Felepitmenyek[#All],3,FALSE),
1846             VLOOKUP(RC[-2],FelepitmenyKiegeszito[#All],3,FALSE))"
1847         Cells(emptyRow, 8).Value = _
1848             "=IFERROR(VLOOKUP(RC[-3],Felepitmenyek[#All],4,FALSE),
1849             VLOOKUP(RC[-3],FelepitmenyKiegeszito[#All],4,FALSE))"
1850
1851     With Range("A1:Z100")
1852         .Range(.Cells(emptyRow, 1), .Cells(emptyRow, 3)).Select
1853     End With
1854
1855     Selection.NumberFormat = "0.00"
1856     With Selection
1857         .HorizontalAlignment = xlRight
1858         .VerticalAlignment = xlBottom
1859         .WrapText = False
1860         .Orientation = 0
1861         .AddIndent = False
1862         .IndentLevel = 0
1863         .ShrinkToFit = False
1864         .ReadingOrder = xlContext
1865         .MergeCells = False
1866     End With
1867
1868     FelepitmenyKezdeteTextBox.Value = FelepVegeTextBox.Value
1869     FelepVegeTextBox.Value = ""
1870     FelepitmenyKivalasztottTextBox.Value = ""
1871 End If
1872 End Sub

```

```

1868 Private Sub TobbFelepKivalasztasCommandButton_Click()
1869     If CheckBox1 = True Then
1870         FelepValasztoUserForm.Show
1871     End If
1872     If CheckBox2 = True Then
1873         FelepValasztoUserForm.Show
1874     End If
1875 End Sub
1876 Private Sub UserForm_Click()
1877     Me.Hide
1878 End Sub

```

FelepValasztoUserForm nevű űrlaphoz tartozó kódrészlet

```

1879 Private Sub KivalasztButtonFelep_Click()
1880     If FelepTipusokListaListBox.ListIndex = -1 Then
1881         KivalasztButtonFelep.MousePointer = fmMousePointerNoDrop
1882     Else
1883         FelepitmenyMegadasaUserForm.FelepitmenyKivalasztottTextBox =
1884         Me.FelepTipusokListaListBox
1885         KivalasztButtonFelep.MousePointer = fmMousePointerCustom
1886         Me.Hide
1887     End If
1888 End Sub
1889 Private Sub VisszaElvetesCommandButton_Click()
1890     FelepitmenyMegadasaUserForm.FelepitmenyKivalasztottTextBox = ""
1891     Me.Hide
1892 End Sub

```

„Szerkesztés” gombhoz tartozó kódrészlet

```

1892 Private Sub Szerkesztes_Click()
1893     Dim r As Range
1894     With Worksheets("Home")
1895         Set r = .Range("A3", .Range("D80000").End(xlUp))
1896     End With
1897
1898     SzerkesztesUserForm.ListaListBox.RowSource = "Home!" & r.Address
1899     If Sheets("Home").Range("A3").Value = "" Then
1900         ures = SzerkesztesUserForm.ListaListBox.ListCount - 1
1901     Else
1902         ures = SzerkesztesUserForm.ListaListBox.ListCount
1903     End If
1904     If ures = 0 Then
1905         MsgBox "Nincs olyan lap, melyet szerkeszteni lehetne!", 0, "Üzenetek - BInfra"
1906     Else
1907         SzerkesztesUserForm.Show
1908     End If
1909     SzerkesztesUserForm.ListaListBox.RowSource = ""
1910 End Sub

```

```

1911 Private Sub ivadatokszerkesztes()
1912     VonalvezetesUserForm.Show
1913 End Sub
1914 Private Sub felepitmenyszerkesztes()
1915     FelepitmenyMegadasaUserForm.Show
1916 End Sub
1917
1918 Private Sub KivalasztButton_Click()
1919     Dim l, r As Integer
1920     Dim sor As Range
1921     Dim munkalap, vonaliaazonosito As String
1922     vonaliaazonosito = Val(SzerkesztesUserForm.ListaListBox.Value)
1923     l = SzerkesztesUserForm.ListaListBox.ListIndex - 1
1924     r = l + 4
1925     munkalap = SzerkesztesUserForm.ListaListBox.Value & " " &
Sheets("Home").Cells(r, 2).Value
1926     If ListaListBox.ListIndex = -1 Then
1927         KivalasztButton.MousePointer = fmMousePointerNoDrop
1928     Else
1929         KivalasztButton.MousePointer = fmMousePointerCustom
1930         Sheets(munkalap).Select
1931         Me.Hide
1932         If Sheets("Home").Cells(r, 2).Value = "Ívadatok" Then
1933             VonalvezetesUserForm.IvNeveTextBox.Value =
Sheets(munkalap).Range("I2").Value + 1
1934             VonalvezetesUserForm.IvOldalTextBox.Value =
Sheets(munkalap).Range("J2").Value
1935             Sheets(munkalap).Range("K3").Formula = "=RIGHT(RC[-1],4)"
1936             If Sheets(munkalap).Range("K3").Value = "" Then
1937                 VonalvezetesUserForm.KiteroAzonositoTextBox.Value = "K" &
vonaliaazonosito & "01"
1938             Else
1939                 VonalvezetesUserForm.KiteroAzonositoTextBox.Value = "K" &
Sheets(munkalap).Range("K3").Value + 1
1940             End If
1941             Sheets(munkalap).Range("K3").Value = ""
1942             Call ivadatokszerkesztes
1943         Else
1944             With Worksheets(munkalap)
1945                 Set sor = .Range("A3", .Range("A1048576").End(xlUp))
1946             End With
1947             FelepitmenyMegadasaUserForm.FelepitmenyKezdetiTextBox.Value =
Sheets(munkalap).Cells(sor.Count + 2, 1).Value
1948             Call felepitmenyszerkesztes
1949         End If
1950     End If
1951 End Sub
1952
1953 Private Sub VisszaElvetesCommandButton_Click()
1954     Me.Hide
1955 End Sub

```

„Lap törlése” gombhoz tartozó kódrészlet

```
1956 Private Sub Torles_Click()  
1957     Call lapmennyisegellenorzo  
1958     If Sheets("Home").Range("A3").Value = "" Then  
1959         ures = TorlesKivalasztasaUserForm.KiteroTipusokListaListBox.ListCount - 1  
1960     Else  
1961         ures = TorlesKivalasztasaUserForm.KiteroTipusokListaListBox.ListCount  
1962     End If  
1963     If ures = 0 Then  
1964         MsgBox "Nincs olyan lap, melyet törölni lehetne!", 0, "Üzenetek - BInfra"  
1965     Else  
1966         TorlesUserForm.Show  
1967     End If  
1968     TorlesKivalasztasaUserForm.KiteroTipusokListaListBox.RowSource = ""  
1969 End Sub
```

TorlesUserForm nevű úrlaphoz tartozó kódrészlet

```
1970 Private Sub TobbFElepKivalasztasCommandButton_Click()  
1971     Dim r As Range  
1972     With Worksheets(„Home”)  
1973         Set r = .Range(„A3”, .Range(„D80000”).End(xlUp))  
1974     End With  
1975  
1976     TorlesKivalasztasaUserForm.KiteroTipusokListaListBox.RowSource = „Home!”  
1977     & r.Address  
1978     TorlesKivalasztasaUserForm.Show  
1979 End Sub  
1980 Private Sub TorlesGomb_Click()  
1981     Dim torol As String  
1982  
1983     Dim r, t As Range  
1984     torol = FelepitmenyKivalasztottTextBox  
1985     Sheets(torol).Delete  
1986  
1987     Dim ivadatok As String  
1988     ivadatok = Split(torol, „, „, „)(1)  
1989  
1990     With Worksheets(„Home”)  
1991         Set r = .Range(„A3”, .Range(„A80000”).End(xlUp))  
1992     End With  
1993  
1994     Dim l, k As Integer  
1995     l = TorlesKivalasztasaUserForm.KiteroTipusokListaListBox.ListCount - 1  
1996     r = l + 3  
1997     Sheets(„Home”).Cells(r, 2).EntireRow.Delete  
1998     TorlesUserForm.FelepitmenyKivalasztottTextBox.Value = „,  
1999 End Sub
```

```

2000 Private Sub KivalasztButton_Click()
2001     Dim l, r As Integer
2002     l = TorlesKivalasztasaUserForm.KiteroTipusokListaListBox.ListCount - 1
2003     r = l + 3
2004     If KiteroTipusokListaListBox.ListIndex = -1 Then
2005         KivalasztButton.MousePointer = fmMousePointerNoDrop
2006     Else
2007         KivalasztButton.MousePointer = fmMousePointerCustom
2008         TorlesUserForm.FelepitmenyKivalasztottTextBox.Value =
KiteroTipusokListaListBox.Value & " " & Sheets("Home").Cells(r, 2).Value
2009         Me.Hide
2010     End If
2011 End Sub
2012 Private Sub VisszaElvetesCommandButton_Click()
2013     TorlesUserForm.FelepitmenyKivalasztottTextBox.Value = ""
2014     Me.Hide
2015 End Sub
2016
2017 Sub lapmennyisegellenorzo()
2018     Dim r As Range
2019     With Worksheets("Home")
2020         Set r = .Range("A3", .Range("D80000").End(xlUp))
2021     End With
2022
2023     TorlesKivalasztasaUserForm.KiteroTipusokListaListBox.RowSource = "Home!"
& r.Address
2024 End Sub
2025 Private Sub Export_Click()
2026     Call lapmennyisegellenorzo
2027     If Sheets("Home").Range("A3").Value = "" Then
2028         ures = TorlesKivalasztasaUserForm.KiteroTipusokListaListBox.ListCount - 1
2029     Else
2030         ures = TorlesKivalasztasaUserForm.KiteroTipusokListaListBox.ListCount
2031     End If
2032     If ures = 0 Then
2033         MsgBox "Nincs olyan lap, melyet exportálni lehetne!", 0, "Üzenetek - BInfra"
2034     Else
2035
2036         With Sheets("Home").Range("A1:Z100")
2037             .Range("A2", .Range("A1048576").End(xlUp)).Select
2038         End With
2039
2040         Selection.Copy
2041
2042         Sheets("Fejlécek").Range("A15").PasteSpecial
Paste:=xlPasteValuesAndNumberFormats, Operation:= _
2043         xlNone, SkipBlanks:=False, Transpose:=False
2044
2045         With Sheets("Home").Range("A1:Z100")
2046             .Range("C2", .Range("C1048576").End(xlUp)).Select
2047         End With

```

```

2048
2049 Selection.Copy
2050
2051 Sheets("Fejlécek").Range("B15").PasteSpecial
2052 Paste:=xlPasteValuesAndNumberFormats, Operation:= _
2053     xlNone, SkipBlanks:=False, Transpose:=False
2054 Sheets("Fejlécek").Range("$A$15:$B$8000").RemoveDuplicates Columns:=1,
2055 Header:=xlNo
2056
2057 Dim r As Range
2058 With Worksheets("Fejlécek")
2059     Set r = .Range("A16", .Range("B80000").End(xlUp))
2060 End With
2061 ExportVonalvalasztoUserForm.KiteroTipusokListaListBox.RowSource =
2062 "Fejlécek!" & r.Address
2063 ExportVonalvalasztoUserForm.Show
2064 End If
2065 TorlesKivalasztasaUserForm.KiteroTipusokListaListBox.RowSource = ""
2066 End Sub

```

ExportVonalvalasztoUserForm nevű űrlaphoz tartozó kódrészlet

```

2064 Sub saveSheetToCSV()
2065
2066 Dim myCSVFileName As String
2067 Dim tempWB As Workbook
2068 Dim expolap As String
2069 expolap = KiteroTipusokListaListBox.Value & " Export"
2070
2071 Application.DisplayAlerts = False
2072 On Error GoTo err
2073
2074 myCSVFileName = ThisWorkbook.Path & "\" & expolap &
2075 VBA.Format(VBA.Now, "_yyyy_mm_dd_hh-mm") & ".csv"
2076
2077 ThisWorkbook.Sheets(expolap).Activate
2078 ActiveSheet.Copy
2079 Set tempWB = ActiveWorkbook
2080
2081 With tempWB
2082     .SaveAs Filename:=myCSVFileName, FileFormat:=xlCSV,
2083     CreateBackup:=False, Local:=True
2084 .Close
2085 End With
2086 MsgBox "" & expolap & "" & " exportálása megtörtént!", , "Üzenetek - BInfra"
2087 Sheets(expolap).Visible = xlVeryHidden
2088 err:
2089 Application.DisplayAlerts = True
2090 End Sub
2091 Sub expolapfunkc()
2092 Dim r, t As Range
2093 Dim hsz As Integer

```

```

2092 Dim strNeve, megleovoldal, keresendooldal As String
2093 Dim ellenorzo, felepitmenyellenorzo As Boolean
2094 On Error Resume Next
2095
2096 strNeve = KiteroTipusokListaListBox.Value & " Export"
2097 megleovoldal = KiteroTipusokListaListBox.Value & " Ív adatok"
2098 keresendooldal = KiteroTipusokListaListBox.Value & " Felépítmény adatok"
2099 On Error Resume Next
2100
2101 Sheets(strNeve).Range("A2:H1048576").Clear
2102
2103 emptyRow_0 = WorksheetFunction.CountA(Range("A:A")) + 1
2104 Cells(emptyRow_0, 4).Formula = "Line_MapData"
2105 Cells(emptyRow_0, 5).Formula =
ExportVonalvalasztoUserForm.KiteroTipusokListaListBox.Value
2106 Cells(emptyRow_0, 6).Formula = "=VLOOKUP(RC[-1],Vonal,4,FALSE)"
2107 Cells(emptyRow_0, 7).Formula = "=VLOOKUP(RC[-2],Vonal,5,FALSE)"
2108 Cells(emptyRow_0, 8).Formula = "=VLOOKUP(RC[-3],Vonal,6,FALSE)"
2109
2110 emptyRow = WorksheetFunction.CountA(Range("A:A")) + 1
2111
2112 ellenorzo = Len(Sheets(megleovoldal).Name) > 0
2113 On Error Resume Next
2114 If ellenorzo = True Then
2115
2116     With Worksheets(megleovoldal)
2117         Set r = .Range("E4", .Range("E1048576").End(xlUp))
2118     End With
2119
2120     Cells(emptyRow_0, 1).Value = Sheets(megleovoldal).Range("E2").Value
2121     Cells(emptyRow_0, 2).Value = Sheets(megleovoldal).Cells(r.Count + 3, 5)
.Value
2122     Cells(emptyRow_0, 3).Formula = "=ABS(RC[-1]-RC[-2])"
2123
2124     emptyRow = WorksheetFunction.CountA(Range("A:A")) + 1
2125     Cells(emptyRow, 1).Formula = Sheets(megleovoldal).Cells(3, 5).Value
2126     Cells(emptyRow, 2).Formula = "=RC[-1]+RC[+1]"
2127     Cells(emptyRow, 3).Formula = Sheets(megleovoldal).Cells(7, 10).Value
2128     Cells(emptyRow, 4).Formula = "Ívviszonyok"
2129     Cells(emptyRow, 5).Formula = Sheets(megleovoldal).Cells(5, 2).Value
2130     Cells(emptyRow, 6).Formula = Sheets(megleovoldal).Cells(5, 10).Value
2131     Cells(emptyRow, 7).Formula = Sheets(megleovoldal).Cells(5 + 1, 2).Value
2132     Cells(emptyRow, 8).Formula = Sheets(megleovoldal).Cells(6, 10).Value
2133
2134     For l = 9 To r.Count Step 5
2135         emptyRow = WorksheetFunction.CountA(Range("A:A")) + 1
2136         Cells(emptyRow, 1).Formula = "=R[-1]C[+1] + " & Sheets(megleovoldal)
.Value
.Cells(l - 1, 5).Value
2137         Cells(emptyRow, 2).Formula = "=RC[-1]+RC[+1]"
2138         Cells(emptyRow, 3).Formula = Sheets(megleovoldal).Cells(l + 3, 10).Value
2139         Cells(emptyRow, 4).Formula = "Ívviszonyok"
2140         Cells(emptyRow, 5).Formula = Sheets(megleovoldal).Cells(l + 1, 2).Value
2141         Cells(emptyRow, 6).Formula = Sheets(megleovoldal).Cells(l + 1, 10).Value

```

```

2142 Cells(emptyRow, 7).Formula = Sheets(megleovoldal).Cells(1 + 2, 2).Value
2143 Cells(emptyRow, 8).Formula = Sheets(megleovoldal).Cells(1 + 2, 10).Value
2144 Columns("E").SpecialCells(xlCellTypeBlanks).EntireRow.Delete
2145 Next l
2146
2147 For l = 4 To r.Count Step 5
2148     emptyRow = WorksheetFunction.CountA(Range("A:A")) + 1
2149     Cells(emptyRow, 1).Formula = Sheets(megleovoldal).Cells(1, 5).Value
2150     Cells(emptyRow, 2).Formula = Sheets(megleovoldal).Cells(1 + 3, 5).Value
2151     Cells(emptyRow, 3).Formula = "=RC[-1]-RC[-2]"
2152     Cells(emptyRow, 4).Formula = "Kitérő"
2153     Cells(emptyRow, 5).Formula = Sheets(megleovoldal).Cells(1 + 1, 7).Value
2154     Cells(emptyRow, 6).Formula = "=RIGHT(""" & Sheets(megleovoldal).Cells(1,
2155 1).Text & """,4)"
2156     Cells(emptyRow, 7).Formula = "=VLOOKUP(""" &
Sheets(megleovoldal).Cells(1, 6).Text & """,KiteroCsoport,2,FALSE)*10+" &
Sheets(megleovoldal).Cells(1 + 2, 6).Text
2157     Cells(emptyRow, 8).Formula = "=IF(""" & Sheets(megleovoldal).Cells(1, 2) &
""""=""""",IF(""" & Sheets(megleovoldal).Cells(1, 3) & """"=""gyök
felöl""",21,12),IF(""" & Sheets(megleovoldal).Cells(1, 3) & """"=""gyök felöl""",IF("""
& Sheets(megleovoldal)
.Cells(1, 2) & """"=""jobbos""",31,-31),IF(""" & Sheets(megleovoldal).Cells(1, 2) &
""""=""jobbos""",13,-13)))"
2158     emptyRow_1 = WorksheetFunction.CountA(Range("A:A")) - 1
2159     If Cells(emptyRow, 6).Value = Cells(emptyRow_1, 6).Value Then
2160         Cells(emptyRow, 5).Value = ""
2161         Cells(emptyRow_1, 2).Value = Cells(emptyRow, 2).Value
2162     End If
2163     Columns("E").SpecialCells(xlCellTypeBlanks).EntireRow.Delete
2164 Next l
2165
2166 'MsgBox ("Exportálás megtörtént!")
2167 Else
2168     MsgBox ("Előbb hozzon létre " & megleovoldal & " munkalapot!")
2169 Exit Sub
2170 End If
2171
2172 felepitmenyellenorzo = Len(Sheets(keresendooldal).Name) > 0
2173 If felepitmenyellenorzo = True Then
2174     With Worksheets(keresendooldal)
2175         Set t = .Range("A3", .Range("A1048576").End(xlUp))
2176     End With
2177     For hsz = 1 To t.Count Step 1
2178         emptyRow = WorksheetFunction.CountA(Range("A:A")) + 1
2179         Cells(emptyRow, 1).Formula = Sheets(keresendooldal).Cells(hsz + 2,
2180 1).Value
2181         Cells(emptyRow, 2).Formula = Sheets(keresendooldal).Cells(hsz + 2,
2182 2).Value
2183         Cells(emptyRow, 3).Formula = Sheets(keresendooldal).Cells(hsz + 2,
2184 3).Value
2185         Cells(emptyRow, 4).Formula = Sheets(keresendooldal).Cells(hsz + 2,
2186 4).Value

```

```

2183     Cells(emptyRow, 5).Formula = Sheets(keresendooldal).Cells(hsz + 2,
2184     5).Value
2185     Cells(emptyRow, 6).Formula = Sheets(keresendooldal).Cells(hsz + 2,
2186     6).Value
2187     Cells(emptyRow, 7).Formula = Sheets(keresendooldal).Cells(hsz + 2,
2188     7).Value
2189     Cells(emptyRow, 8).Formula = Sheets(keresendooldal).Cells(hsz + 2,
2190     8).Value
2191     Next hsz
2192 End If
2193 If ellenorzo = False Then
2194 Else
2195     Call saveSheetToCSV
2196 End If
2197 End Sub
2198 Private Sub KivalasztButton_Click()
2199 Dim l, r As Integer
2200 Dim strNeve As String
2201 Dim expolap As String
2202 Dim ellenorzo As Boolean
2203
2204 l = KiteroTipusokListaListBox.ListCount - 1
2205 r = l + 2
2206
2207 On Error Resume Next
2208 expolap = KiteroTipusokListaListBox.Value
2209 Sheets(expolap).Select
2210
2211 strNeve = ExportVonalvalasztoUserForm.KiteroTipusokListaListBox.Value & "
2212 Export"
2213 ellenorzo = Len(Sheets(strNeve).Name) > 0
2214 If ExportVonalvalasztoUserForm.KiteroTipusokListaListBox.ListIndex = -1 Then
2215     KivalasztButton.MousePointer = fmMousePointerNoDrop
2216 Else
2217     KivalasztButton.MousePointer = fmMousePointerCustom
2218 If ellenorzo = False Then
2219
2220     Set ws = Worksheets.Add(After:=Sheets(1))
2221     ws.Name = strNeve
2222
2223     Range("A1").FormulaR1C1 = "KezdoSz"
2224     Range("B1").FormulaR1C1 = "VegSz"
2225     Range("C1").FormulaR1C1 = "Hossz"
2226     Range("D1").FormulaR1C1 = "Tipus"
2227     Range("E1").FormulaR1C1 = "Megnevezes"
2228     Range("F1").FormulaR1C1 = "Szin1"
2229     Range("G1").FormulaR1C1 = "Szin2"
2230     Range("H1").FormulaR1C1 = "Szin3"
2231     Sheets(strNeve).Visible = xlSheetVisible
2232     Call expolapfunkc
2233 Else
2234     Sheets(strNeve).Visible = xlSheetVisible
2235     Sheets(strNeve).Select

```

```
2231         Call expolapfunke
2232     End If
2233 End If
2234 End Sub
2235
2236 Private Sub VisszaElvetesCommandButton_Click()
2237     Me.Hide
2238 End Sub
```

7. melléklet – Visual Basic kódrészlet