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1 # Magyarország vármegyéi
2
3 import turtle
4 import random
5
6 screen = turtle.Screen()
7 screen.setup(850,650)
8 screen.bgcolor('black')
9 screen.bgpic("magyarorszag.gif")
10 turtle.hideturtle()
11 turtle.speed(0)
12 turtle.tracer(0)
13
14 telepules = [['Bács-Kiskun', 'Kecskemét', (23, -50)],
15             ['Baranya', 'Pécs', (-142, -188)],
16             ['Békés', 'Békéscsaba', (184, -85)],
17             ['Borsod-Abaúj-Zemplén', 'Miskolc', (142, 153)],
18             ['Csongrád', 'Szeged', (82, -161)],
19             ['Fejér', 'Székesfehérvár', (-127, 0)],
20             ['Győr-Moson-Sopron', 'Győr', (-208, 83)],
21             ['Hajdú-Bihar', 'Debrecen', (242, 62)],
22             ['Heves', 'Eger', (98, 119)],
23             ['Jász-Nagykun-Szolnok', 'Szolnok', (78, -8)],
24             ['Komárom-Esztergom', 'Tatabánya', (-123, 55)],
25             ['Nógrád', 'Salgótarján', (30, 153)],
26             ['Pest', 'Budapest', (-54, 42)],
27             ['Somogy', 'Kaposvár', (-194, -143)],
28             ['Szabolcs-Szatmár-Bereg', 'Nyíregyháza', (248, 132)],
29             ['Tolna', 'Szekszárd', (-92, -146)],
30             ['Vas', 'Szombathely', (-329, 6)],
31             ['Veszprém', 'Veszprém', (-178, -14)],
32             ['Zala', 'Zalaegerszeg', (-300, -63)]]
33
34 z, jo, rossz = 0, 0, 0
35
36 db = len(telepules)
37 style1 = ('Arial', 20, 'bold')
38 style2 = ('Arial', 30, 'bold')
39
40 def torol():
41     turtle.color("black")
42     turtle.penup()
43     turtle.begin_fill()
44     turtle.setpos(-425,325)
45     turtle.setpos(90,325)
46     turtle.setpos(90,200)
47     turtle.setpos(-425,200)
48     turtle.setpos(-425,325)
49     turtle.end_fill()
50
51 def kezdes():
52     torol()
53     turtle.color("lightblue")
54     turtle.penup()
55     turtle.setpos(-200,250)
56     turtle.pendown()
57     turtle.write("A játék kattintásra indul!", font=style1, align="center")
58     for i in range(19):
59         turtle.up()
60         turtle.setpos(telepules[i][2])
61         turtle.down()
62         turtle.dot(12,"white")
63         turtle.dot(8,"black")
64         random.shuffle(telepules)
65
66 def kiir(kerdes):
67     torol()
68     turtle.color("red")

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69 turtle.penup()
70 turtle.setpos(-400,250)
71 turtle.pendown()
72 turtle.write(telepules[kerdes][0] + " vármegye", font=style1, align="left")
73 turtle.penup()
74 turtle.setpos(-400,200)
75 turtle.color("green")
76 turtle.pendown()
77 turtle.write(telepules[kerdes][1], font=style2, align="left")
78 turtle.update()
79
80 def koordinata(x,y):
81     global z, db, jo, rosz, start
82     if start != True:
83         if z < db:
84             turtle.up()
85             turtle.setpos(x,y)
86             if turtle.distance(telepules[z][2])<10:
87                 turtle.setpos(telepules[z][2])
88                 turtle.down()
89                 turtle.dot(12,"yellow")
90                 turtle.dot(8,"darkgreen")
91                 jo += 1
92             else:
93                 turtle.setpos(telepules[z][2])
94                 turtle.down()
95                 turtle.dot(12,"yellow")
96                 turtle.dot(8,"red")
97                 rosz += 1
98             z = z + 1
99             eredmeny = " Jó = " + str(jo) + "      Rossz = " + str(rosz)
100            screen.title(eredmeny)
101            if z == 19:
102                screen.title("Végeredmény:" + eredmeny)
103                torol()
104                kezdes()
105                start = True
106            else:
107                kiir(z)
108        else:
109            torol()
110            kiir(0)
111            z, jo, rosz = 0, 0, 0
112            screen.title("")
113            start = False
114
115 start = True
116 kezdes()
117 screen.onclick(koordinata)
118 screen.mainloop()
119
120 # *****2023.02.13.*****Miskei Vendel*****www.miskei.hu*****

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