

```

1 # Csillagok (animáció)
2
3 import turtle
4 import random
5
6 darab = 150
7 mx, my = 1280, 720
8 turtle.setup(mx, my)
9
10 turtle.colormode(255)
11 turtle.bgcolor(0,0,30)
12 turtle.speed(0)
13 turtle.tracer(0,0)
14 turtle.hideturtle()
15 turtle.penup()
16
17 csillagok = [turtle.Turtle() for i in range(darab)]
18
19 for t in csillagok:
20     szin = random.randint(60,255)
21     t.color(szin,szin,60)
22     t.shape("circle")
23     t.up()
24     t.left(random.randint(0,359))
25     t.forward(random.randint(0, mx // 1.5))
26
27 while True:
28     for t in csillagok:
29         x = abs(t.xcor())
30         y = abs(t.ycor())
31         d = t.distance(0,0)
32         t.shapesize(0.1 + d/1000)
33         t.forward(1 + d // 100)
34         if x > mx/2 or y > my/2:
35             t.shapesize(0.1)
36             t.setposition(0,0)
37             t.left(random.randint(0,359))
38             t.forward(random.randint(3,50))
39     turtle.update()
40
41 # *****2023.02.08.*****Miskei Vendel*****www.miskei.hu*****

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