

```

1 # Havazás (animáció)
2
3 import turtle
4 import random
5
6 darab = 300
7 mx, my = 800, 600
8 dx, dy = mx // 2, my // 2
9
10 turtle.bgpic("bataszek.gif")
11 turtle.speed(0)
12 turtle.tracer(0,0)
13 turtle.hideturtle()
14 turtle.colormode(255)
15 turtle.bgcolor(100,100,100)
16
17 turtle.setup(mx, my)
18 ho = [turtle.Turtle() for i in range(darab)]
19
20 i = 0
21 for t in ho:
22     t.up()
23     i += 1
24     if i % 2 == 0:
25         meret = random.uniform(.2, .4)
26     else:
27         meret = random.uniform(.1, .3)
28     szin = random.randint (200, 255)
29     x = random.randint (-dx, dx)
30     y = random.randint (-dy, dy)
31     t.color(szin,szin,szin)
32     t.setposition(x, y)
33     t.shape("circle")
34     t.shapesize(meret)
35
36 while True:
37     i = 0
38     for t in ho:
39         i += 1
40         szog = random.randint (210, 330)
41         if i % 2 == 0:
42             s = random.randint (4, 7)
43         else:
44             s = random.randint (1, 4)
45         t.seth(szog)
46         t.forward(s)
47         if t.ycor() < -dy or t.xcor() < -dx or t.xcor() > dx:
48             t.setposition(random.randint (-dx, dx),dy + 5)
49     turtle.update()
50
51 # *****2023.02.07.*****Miskei Vendel*****www.miskei.hu*****

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