```python
# Galton-deszka (animáció)

import turtle
import random

darab = 29

turtle.speed(0)
turtle.tracer(0,0)
turtle.hideturtle()
turtle.colormode(255)
turtle.bgcolor(20,20,20)
turtle.setup(860, 600)

golyok = [turtle.Turtle() for i in range(darab)]
szamlalo = [0]*13
golyokszama = 1000
x, y = 0, 250
for t in golyok:
    t.up()
    y = y + 30
    r = random.randint(50,250)
    g = random.randint(50,250)
    b = random.randint(50,250)
    t.color(r, g, b)
    t.setposition(x, y)
    t.shape("circle")
    t.seth(270)
    t.shapesize(0.5)
    t.showturtle()
turtle.update()

t=30
for j in range (0, 13, 1):
    for i in range(-j*t,j*t,2*t):
        turtle.penup()
        turtle.setpos(i+t,257-j*t)
        turtle.pendown()
        turtle.dot(4,"white")
turtle.pencolor("white")
turtle.pensize(3)
for i in range(-390,400,60):
    turtle.penup()
    turtle.setpos(i,-110)
    turtle.pendown()
    turtle.setpos(i,-250)
turtle.pensize(20)
turtle.penup()
turtle.setpos(-390,-250)
turtle.pendown()
turtle.setpos(390,-250)

while golyokszama > 0:
    for t in golyok:
        t.forward(2)
        if int(t.ycor()) % 30 == 0 and int(t.ycor())<250 and int(t.ycor())>-200:
            t.seth(random.choice([225,315]))
        if t.ycor() < -120:
            t.seth(270)
        if t.ycor() < -220:
            tarolo = int((t.xcor()-20)//60+7)
            szamlalo[tarolo]=szamlalo[tarolo]+1
            golyokszama = golyokszama -1
            turtle.title(str(golyokszama))
            t.setpos(0, 500)
            if golyokszama < darab:
                t.hideturtle()
    turtle.update()
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69
70 turtle.pensize(40)
71 style = ('Arial', 10, 'bold')
72
73 for i, ertek in enumerate(szamlalo):
74     turtle.pencolor("red")
75     turtle.penup()
76     turtle.setpos(-360 + i * 60, - 240 )
77     turtle.pendown()
78     turtle.setpos(-360 + i * 60, - 240 + ertek * 2)
79     turtle.pencolor("white")
80     turtle.write(ertek, font=style, align="center")
81
82 turtle.update()
83 turtle.exitonclick()
84
85 # ***********2023.02.12.***********Miskei Vendel***********www.miskei.hu***********
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