

```

1 # USA zászló
2 import turtle
3 n = 0.6 # Nagyítás 0.2 - 1
4 my = 1000
5 mx = my * 1.9
6 turtle.setup(mx + 20, my + 20)
7 turtle.colormode(255)
8 turtle.bgcolor("light blue")
9 turtle.speed(0)
10 turtle.tracer(0)
11 turtle.hideturtle()
12
13 def csillag(x, y, n):
14     turtle.penup()
15     turtle.seth(0)
16     turtle.setpos(x, y - n)
17     turtle.circle(n)
18     turtle.penup()
19     turtle.setpos(x, y)
20     turtle.left(162)
21     turtle.fd(n)
22     turtle.seth(0)
23     turtle.fillcolor("white")
24     turtle.begin_fill()
25     for i in range(5):
26         turtle.fd(n * 1.9)
27         turtle.right(144)
28     turtle.end_fill()
29
30 def csik(x, y, dx, dy):
31     turtle.penup()
32     turtle.seth(0)
33     turtle.setpos(x, y)
34     turtle.begin_fill()
35     for i in range(2):
36         turtle.forward(dx)
37         turtle.right(90)
38         turtle.forward(dy)
39         turtle.right(90)
40     turtle.end_fill()
41
42 x = - mx / 2 * n
43 y = my / 2 * n
44 dx = mx * n
45 dy = 76.9 * n
46 for i in range(13):
47     if i % 2 == 0:
48         turtle.fillcolor(179, 25, 66)
49     else:
50         turtle.fillcolor("white")
51     csik(x, y - i * dy, dx, dy)
52
53 dx = 760 * n
54 dy = 538 * n
55 turtle.setpos(x,y)
56 turtle.fillcolor(10, 49, 97)
57 turtle.begin_fill()
58 for i in range(2):
59     turtle.forward(dx)
60     turtle.right(90)
61     turtle.forward(dy)
62     turtle.right(90)
63 turtle.end_fill()
64
65 for j in range(5):
66     for i in range(6):
67         x = - mx / 2 * n + 63 * n
68         y = my / 2 * n - 54 * n

```

```
69         csillag (x + i * 126.5 * n, y - j * 108 * n , 30.8 *n)
70
71     for j in range(4):
72         for i in range(5):
73             x = - mx / 2 * n + 126.5 * n
74             y = my / 2 * n - 108 * n
75             csillag (x + i * 126.5 * n, y - j * 108 * n , 30.8 *n)
76
77     turtle.update()
78     turtle.exitonclick()
79
80 # *****2023.02.22.*****Miskei Vendel*****www.miskei.hu*****
```