

Volksschule Söll

4a, 4b, 4c



Astro-Pi-Challenge



main.py

```
20 # Einrichten des Sense HAT
21 sense = SenseHat()
22 sense.set_rotation(270)
23
24 # Farbsensor einrichten
25 sense.color.gain = 60 # Empfindlichkeit
26 sense.color.integration_cycles = 64 # D
27
28 # Farbvariablen und Bild hinzufügen
29 g = (0, 97, 56) # grün
30 bl = (0, 67, 207) # blau
31 b = (128, 78, 56) # braun
32_v for i in range(25):
33     rgb = sense.color
34     bl = (rgb.red, rgb.green, rgb. blue)
35 # Das Bild anzeigen
36_v bild = [
37     g, bl, bl, bl, bl, bl, bl, g,
38     g, g, bl, bl, bl, bl, g, g,
39     g, g, g, bl, bl, g, g, g,
40     g, g, bl, bl, bl, bl, g, g,
41     g, bl, bl, bl, bl,bl, bl,g,
42     b, bl, bl, bl, bl, bl, bl, b,
43     b, bl, bl, bl, bl, bl, bl, b,
44     g, g, g, g, g, g, g, g]
45
46 sense.set_pixels(bild)
47 sleep(1)
48
49 sense.clear()
```

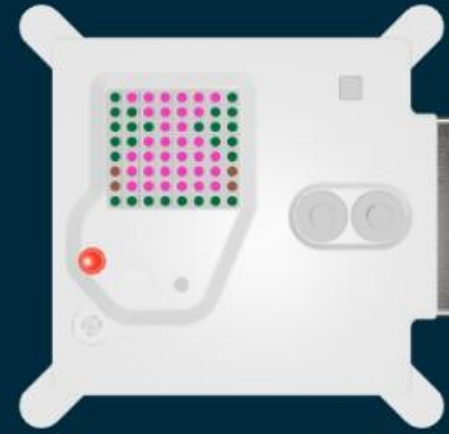
Run ▶

Visual output

Text output

Split view 

Execution interrupted



ROLL: 0

PITCH: 90

YAW: 0



Space Station Control Panel

TEMPERATURE



13°C

PRESSURE



1013hPa

HUMIDITY



45%

COLOUR



MOTION

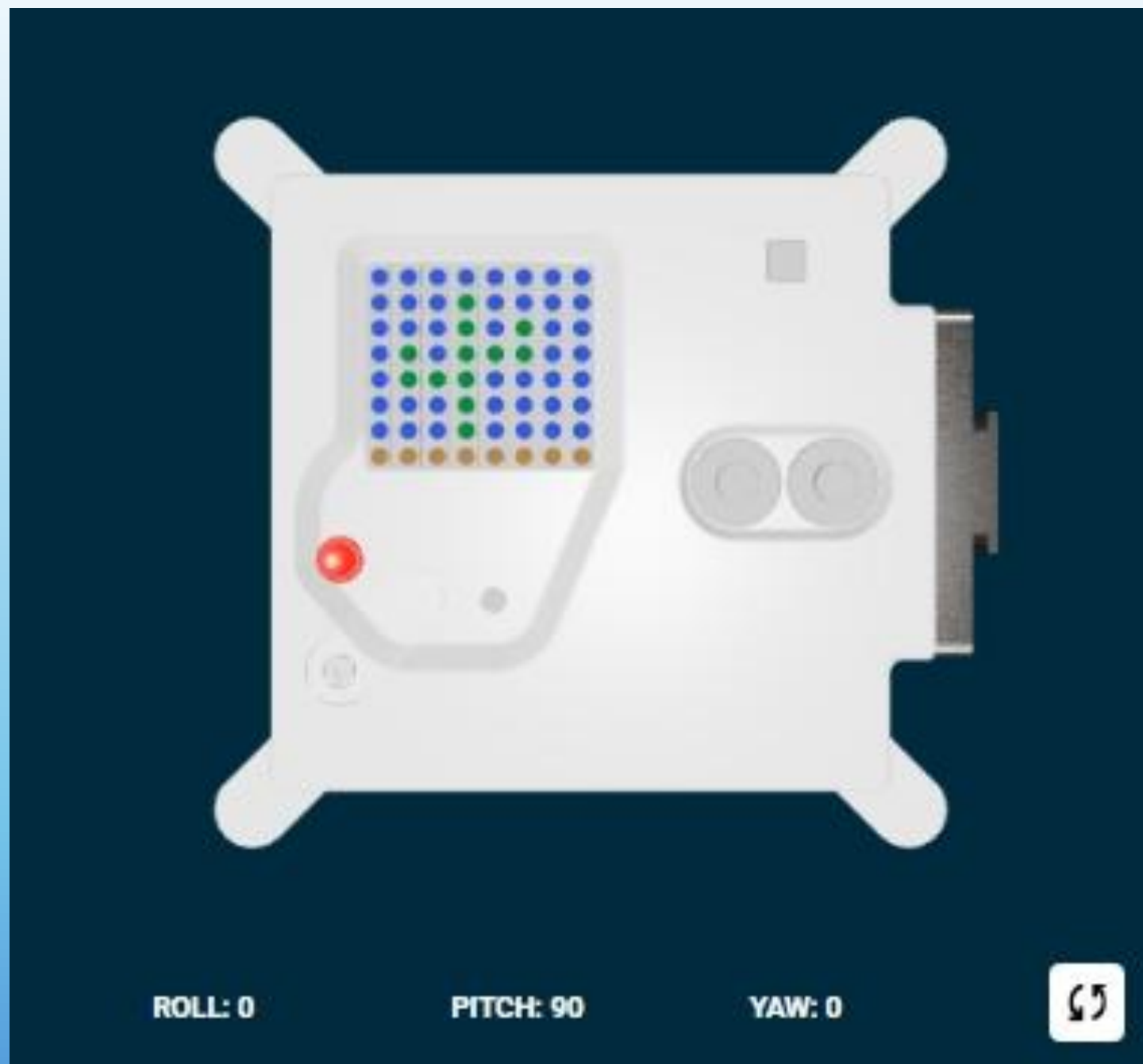
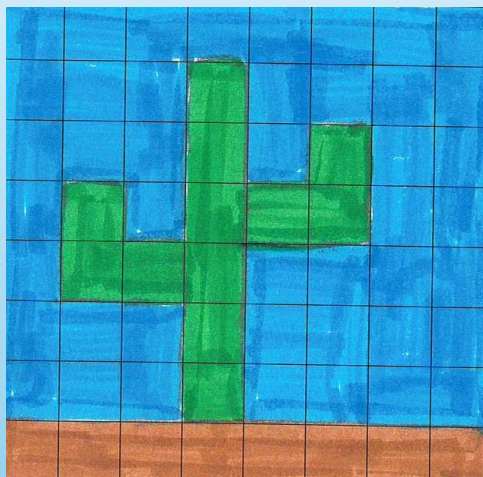
No ☒ Yes

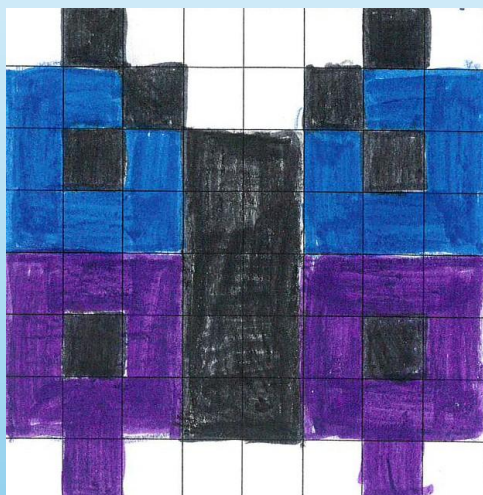
TIMER

00:05

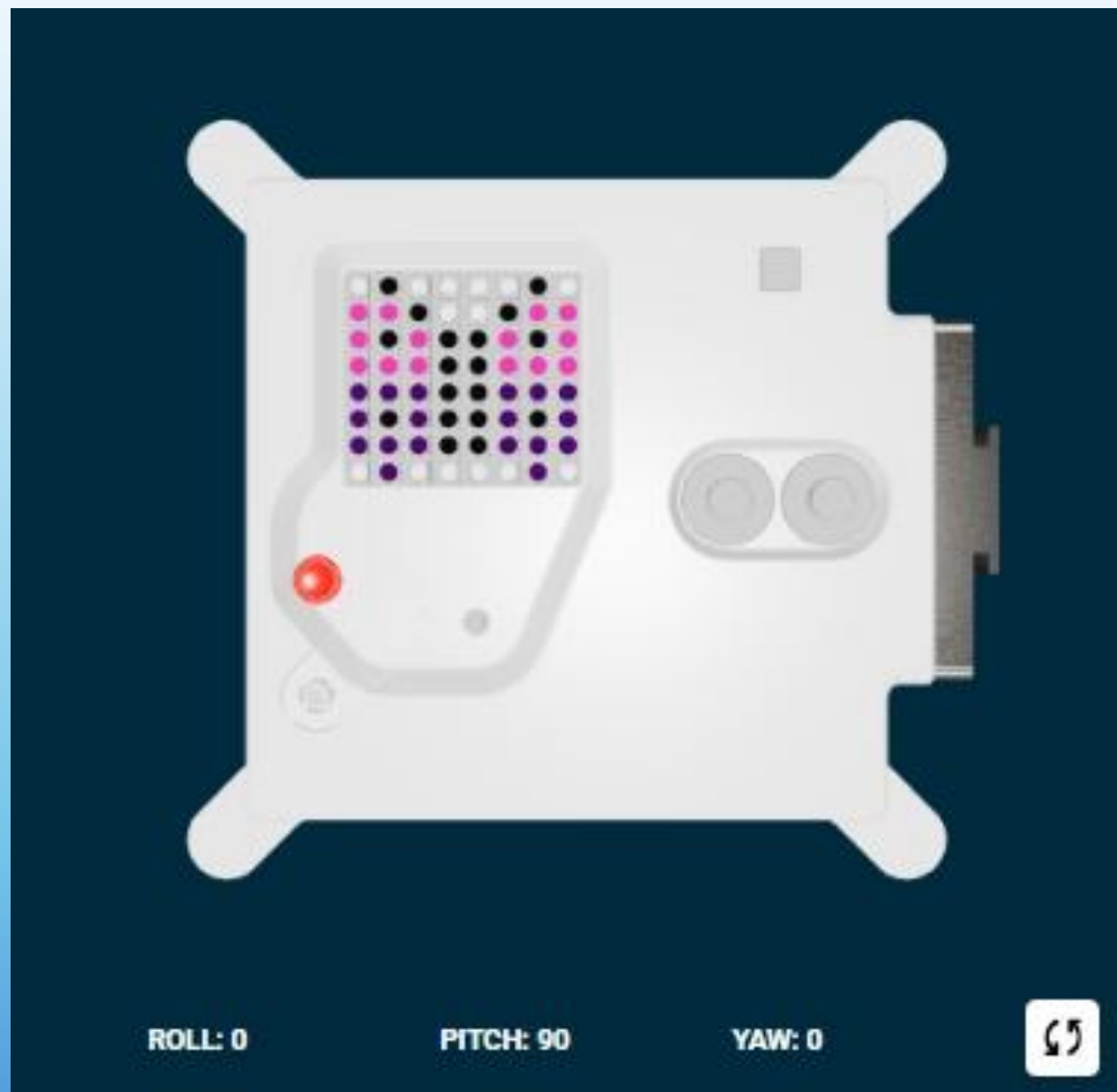




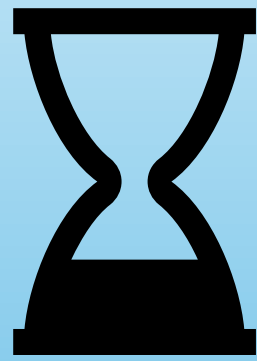




E123cool







Your program ran at the following coordinates:

-38.1454,-169.0604



ASTRO PI



It ran from

2026-05-16 16:35:27

to

2026-05-16 16:36:27

