from gpiozero import LED

from time import sleep

# Create an LED object for each GPIO pin

led1 = LED(17)

led2 = LED(27)

led3 = LED(22)

led4 = LED(23)

speed\_factor = 0.15 # delay (in seconds) between LEDs

try:

# Infinite loop to light LEDs in sequence

while True:

for led in (led1, led2, led3, led4):

led.on()

sleep(speed\_factor)

led.off()

except KeyboardInterrupt:

# Allows you to stop the program with Ctrl+C

pass

finally:

# Cleanup: ensure all LEDs are off and resources freed

for led in (led1, led2, led3, led4):

led.off()

led.close()

print("Cleaned up")