fromgpiozeroimport Button

button= Button(21)

whileTrue:

print(button.is\_pressed)

whileTrue:

ifbutton.is\_pressed:

print("Hello")

else:

print("Goodbye")

whileTrue:

button.wait\_for\_press()

print("Pressed")

button.wait\_for\_release()

print("Released")

Add an LED

fromgpiozeroimport Button, LED

led= LED(25)

whileTrue:

button.wait\_for\_press()

led.on()

button.wait\_for\_release()

led.off()

whileTrue:

led.on()

button.wait\_for\_press()

led.off()

button.wait\_for\_release()

whileTrue:

led.blink()

button.wait\_for\_press()

led.off()

button.wait\_for\_release()

### Traffic lights

fromgpiozeroimport Button, TrafficLights

lights=TrafficLights(25, 8, 7)

whileTrue:

button.wait\_for\_press()

lights.on()

button.wait\_for\_release()

lights.off()

whileTrue:

lights.blink()

button.wait\_for\_press()

lights.off()

button.wait\_for\_release()

### Traffic lights sequence

from time import sleep

whileTrue:

lights.green.on()

sleep(1)

lights.amber.on()

sleep(1)

lights.red.on()

sleep(1)

lights.off()

whileTrue:

button.wait\_for\_press()

lights.green.on()

sleep(1)

lights.amber.on()

sleep(1)

lights.red.on()

sleep(1)

lights.off()