

ASSIGNMENT - 3

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WRITE A PYTHON CODE FOR BLINKING LED AND TRAFFIC LIGHTS FOR RESPERRY PI.

```
Import RPi.GPIO as GPIO # Import Raspberry Pi GPIO library
from time import sleep # Import the sleep function from the time module

GPIO.setwarnings(False) # Ignore warning for now
GPIO.setmode(GPIO.BOARD) # Use physical pin numbering
GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW) # Set pin 8 to be an output pin and set initial
Value to low (off)
While True: # Run forever
    GPIO.output(8, GPIO.HIGH) # Turn on
    Sleep(1) # Sleep for 1 second
    GPIO.output(8, GPIO.LOW) # Turn off
    Sleep(1) # Sleep for 1 second
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