**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

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