ASSIGNMENT 3

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Date	08 October 2022

Write python code for blinking LED and Traffic lights for Raspberry pi.

PROGRAM

Blinking LED import

time

import RPi.GPIO as GPIO GPIO.setmode

(GPIO.BCM)

GPIO.setup(4,GPIO.OUT)

GPIO.output(4,True) time.sleep(3)

GPIO.output(4, False)

Traffic light from gpiozero
import LED from time
import sleep green = LED
(5) red = LED (6) blue =
LED (13)

```python
while True:
    green.off()
    red.off()
    blue.off() sleep
(3) green.on()
    sleep(3)
    green.off()
    red.on()
    sleep(3)
    red.off()
    blue.on()
    sleep(3)
```