ASSIGNMENT 3

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Python code for blinking of LED light:

<u>CODE :</u>

```
import RPi.GPIO as GPIO import

time

LED_PIN = 15

GPIO.setmode(GPIO.BCM)

GPIO.setup(LED_PIN, GPIO.OUT)

while true:

    GPIO.output(LED_PIN, GPIO.HIGH)

    time.sleep(1) GPIO.output(LED_PIN,

    GPIO.LOW)

    time.sleep(1)

GPIO.cleanup()
```

Python code for traffic lights :

CODE :

```python
from gpiozero import LED from

time import sleep lights =

TrafficLights(27, 5, 8) while

True:

        light.green.on()
        sleep(1)
        lights.amber.on()
        sleep(1) lights.red.on()
        sleep(1) lights.off()
```