

ASSIGNMENT 3

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Python code for blinking of LED light:

CODE :

```
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 :

```
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()
```

