

ASSIGNMENT NO.3

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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()
```

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()
```

