

## ASSIGNMENT 3

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### **PROGRAM : TRAFFIC**

#### **LIGHT**

```
import RPi.GPIO as GPIO
import time
import signal import
sys
GPIO.setmode(GPIO.BCM)
GPIO.setup(9, GPIO.OUT)
GPIO.setup(10, GPIO.OUT)
GPIO.setup(11, GPIO.OUT)
while True:
    # red
    GPIO.output(9, True)
    time.sleep(3) # yellow
    GPIO.output(10, True)
    time.sleep(2) # green
    GPIO.output(9, False)
    GPIO.output(10, False)
    GPIO.output(11, True)
    time.sleep(5) # yellow
    GPIO.output(11, False)
    GPIO.output(10, True)
    time.sleep(2)
    GPIO.output(10, False)
```

#### **BLINK :**

```
import RPi.GPIO as GPIO from
time import sleep
GPIO.setmode(GPIO.BOARD)
GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW)
while True:
    GPIO.output(8, GPIO.HIGH)
    sleep(1) GPIO.output(8,
GPIO.LOW) sleep(1)
```