

## ASSIGNMENT 3

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WRITE A PYTHON CODE FOR BLINKING LED AND TRAFFIC LIGHTS FOR RASPBERRY PI

//PROGRAM

```
import time

import RPi.GPIO as GPIO

Red,Green,orange = 10,11,12

GPIO.setwarnings(False)

GPIO.setmode(GPIO.BCM)

GPIO.setup(Red, GPIO.OUT)

GPIO.setup(Green, GPIO.OUT)

GPIO.setup(orange, GPIO.OUT)

while True:

    GPIO.output(Red, GPIO.HIGH)

    time.sleep(18)

    GPIO.output(Red, GPIO.LOW)

    GPIO.output(orange, GPIO.HIGH)

    time.sleep(5)

    GPIO.output(orange, GPIO.LOW)

    GPIO.output(Green, GPIO.HIGH)

    time.sleep(18)

    GPIO.output(Green, GPIO.LOW)
```

```
GPIO.output(orange, GPIO.HIGH)
```

```
time.sleep(5)
```

```
GPIO.output(orange, GPIO.LOW)
```