

ASSIGNMENT-3

PYTHON PROGRAMMING

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PYTHON FOR BLINKING LED:

```
Import RPi.GPIO as GPIO
From time import sleep
GPIO.setmode(GPIO.BOARD)
GPIO.setup(10, GPIO.OUT, initial=GPIO.LOW)
while True:
    GPIO.output(10, GPIO.HIGH)
    Sleep(1)
    GPIO.output(10, GPIO.LOW)
    Sleep(1)
```

PYTHON CODE FOR TRAFFIC LIGHT

```
from gpiozero import LED
from time import sleep
red=LED(20)
yellow=LED(26)
green=LED(16)
while True:
```

green.off()

red.on()

sleep(1)

yellow.on()

sleep(1)

red.off()

sleep(1)

green.on()

red.off()

yellow.off()

sleep(1)