

ASSIGNMENT 3

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Write python code for blinking LED and Traffic lights for Raspberry pi.

PROGRAM

Blinking LED

```
import time

import RPi.GPIO as GPIO
GPIO.setmode (GPIO.BCM)

GPIO.setup(4,GPIO.OUT)
GPIO.output(4,True)
time.sleep(3)

GPIO.output(4, False)
```

Traffic light from gpiozero

```
import LED from time
import sleep green = LED
(5) red = LED (6) blue =
LED (13)
```

```
while True:
```

```
    green.off()
```

```
    red.off()
```

```
    blue.off()
```

```
    sleep (3)
```

```
    green.on()
```

```
    sleep(3)
```

```
    green.off()
```

```
    red.on()
```

```
    sleep(3)
```

```
    red.off()
```

```
    blue.on()
```

```
    sleep(3)
```