

# PYTHON CODE FOR BLINKING LED AND TRAFFIC LIGHT FOR RASPBERRY PI CODE

```
import paho.mqtt.client as paho
```

```
import LED
```

```
from time import sleep
```

```
green = LED(5)
```

```
red = LED(6)
```

```
blue = LED(13)
```

```
while True:
```

```
    green.off()
```

```
    red.off()
```

```
    blue.off()
```

```
    sleep(1)
```

```
    green.on()
```

```
    sleep(1)
```

```
    green.off()
```

```
    red.on()
```

```
    sleep(1)
```

```
    red.off()
```

```
    blue.on()
```

```
    sleep(1)
```



main.c

Output



```
1 import paho.mqtt.client as paho
2 import LED
3 from time import sleep
4 green = LED(5)
5 red = LED(6)
6 blue = LED(13)
7 while True:
8     green.off()
9     red.off()
10    blue.off()
11    sleep(1)
12    green.on()
13    sleep(1)
14    green.off()
15    red.on()
16    sleep(1)
17    red.off()
18    blue.on()
19    sleep(1)
20
```

Run