

**PYTHON CODE FOR BLINKING LED AND TRAFFIC LIGHT
FOR RASPBERRY PI
ASSIGNMENT – III**

CODE:

```
from gpiozero import LED
from time import sleep
```

```
red = LED(22)
amber = LED(27)
green = LED(17)
```

```
red.on()
sleep(1)
amber.on()
sleep(1)
green.on()
sleep(1)
red.on()
sleep(1)
amber.on()
sleep(1)
green.on()
sleep(1)
red.off()
sleep(1)
```

```
amber.off()
sleep(1)
green.off()
while True:
    red.on()
    sleep(1)
    amber.on()
    sleep(1)
    green.on()
    sleep(1)
    red.off()
    sleep(1)
    amber.off()
    sleep(1)
    green.off()
```



main.c

Output



```
1 from gpiozero import LED
2 from time import sleep
3
4 red = LED(22)
5 amber = LED(27)
6 green = LED(17)
7
8 red.on()
9 sleep(1)
10 amber.on()
11 sleep(1)
12 green.on()
13 sleep(1)
14 red.on()
15 sleep(1)
16 amber.on()
17 sleep(1)
```

```
18 green.on()
19 sleep(1)
20 red.off()
21 sleep(1)
22 amber.off()
23 sleep(1)
24 green.off()
25 while True:
26     red.on()
27     sleep(1)
28     amber.on()
29     sleep(1)
30     green.on()
31     sleep(1)
32     red.off()
33     sleep(1)
34     amber.off()
35     sleep(1)
36     green.off()
```

Run