

Assignment -3
Python Programming

Assignment Date	30 Septembere 2022
Student Name	Aishwarya K
Student Roll Number	820419106004
Maximum Marks	2 Marks

Question:

Write a python code for blinking LED and Traffic Lights for Raspberry pi.

Program code:

```
from machine import pin
```

```
from time import sleep
```

```
led=Pin(25,Pin.out)
```

```
while True:
```

```
    led.high()
```

```
    sleep(1)
```

```
    led.low()
```

```
    sleep(1)
```

```
from gpiozero import Button,TrafficLights
```

```
from time import sleep
```

```
button=Button(21)
```

```
lights=TrafficLights(25,8,7)
```

```
while True:
```

```
    lights.green.on()
```

```
    sleep(1)
```

```
    lights.amber.on()
```

```
    lights.green.off()
```

```
    sleep(1)
```

```
    lights.red.on()
```

sleep(1)

lights.off()