

ASSIGNMENT 3 - PYTHON CODE

NAME:MAHESUWARAN S

REG.NO: 622019104036

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

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

```
from time import sleep
```

```
buzzer = Buzzer(15)
```

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

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

```
while True:
```

```
    button.wait_for_press()
```

```
    buzzer.on()
```

```
    light.green.on()
```

```
    sleep(1)
```

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

```
    sleep(1)
```

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

```
    sleep(1)
```

```
    lights.off()
```

```
    buzzer.off()
```

OUTPUT:

Run your Powershell coding (F5)

