

## ASSIGNMENT 3

### PYTHON PROGRAMMING FOR RASPBERRY PI

Assignment date	30 September 2022
Student Name	ILAMATHI M
Student Roll Number	312319106052
Maximum Marks	2 Marks

#### QUESTION :

Write a python code for blinking LED and traffic lights for Raspberry Pi

#### SOLUTION :

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

```
from time import sleep
```

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

```
lights = TrafficLights(25, 28, 27)
```

```
while True:
```

```
    button.wait_for_response()
```

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

```
    sleep(1)
```

```
    lights.yellow.on()
```

```
    sleep(1)
```

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

```
    sleep(1)
```

```
    lights.off()
```