

Assignment-3
Python Programming

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| Assignment Date | 09 October 2022 |
| Student Name | Muthukumar.M |
| Student Roll Number | 422719104018 |
| Maximum Marks | 2 Marks |

Python code for blinking LED and Traffic lights for Raspberry pi.

```
from gpiozero import Button, TrafficLights, light,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()
```