

### Assignment3

#### Python Programming

Assignment Date	5 October 2022
Student Name	L.Muthukamatchi
Student Roll Number	912419106005
Maximum Marks	2 Marks

#### Question-1:

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

#### Solution:

```
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()