

**Assignment -3**  
Python Programming

Assignment Date	8 October 2022
Student Name	Ms. Shudarvizhi K L
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Maximum Marks	2 Marks

**Question-1:**

**Write a python code for blinking LED and traffic lights for raspberry pi**

**Code:**

```
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()
```