

Assignment -3

Assignment Date	6 october 2022
Student Name	Surya Kumar N
Student Roll Number	922519205114
Maximum Marks	2 Marks

Question :

Write python code for blinking LED and Traffic lights for Raspberry pi. Only python code is enough, no need to execute in raspberry pi.

Solution:

```
from gpio zero import Button, Traffic Lights, Buzzer
```

```
from time import sleep
```

```
buzzer = Buzzer(10)
```

```
button = Button(25)
```

```
lights = TrafficLights(16, 6, 9)
```

```
while True:
```

```
    button.wait_for_press()
```

```
    buzzer.on()
```

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

```
    sleep(2)
```

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

```
    sleep(2 )
```

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

```
    sleep(2)
```

```
    lights.off()
```

```
    buzzer.off()
```



