

Assignment-3

Team ID	PNT2022TMID16859
---------	------------------

Description:

This is our assignment assigned on Day-9

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

Code:

```
//Blinking LED
```

```
from gpiozero import LED
```

```
led = LED(17)
```

```
//To make the LED switch on, type the following and press Enter
```

```
led.on()
```

```
//To make it switch off you can type
```

```
led.off()
```

```
//Traffic lights for Raspberry pi.
```

```
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()
```