

TEAM ID : PNT2022TMID18536

```
from gpiozero import Button,LED,TrafficLights,Buzzer
```

```
from time import sleep
```

```
button = Button(21)
```

```
lights = TrafficLights(25, 8, 7)
```

```
buzzer = Buzzer(15)
```

```
while True:
```

```
    button.wait_for_press()
```

```
    lights.green.on()
```

```
    sleep(1)
```

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

```
    sleep(1)
```

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

```
    sleep(1)
```

```
    lights.off()
```

```
while True:
```

```
    lights.on()
```

```
    buzzer.off()
```

```
    button.wait_for_press()
```

```
    lights.off()
```

```
    buzzer.on()
```

```
    button.wait_for_release()
```

```
while True:
```

```
    lights.blink()
```

```
    buzzer.beep()
```

```
    button.wait_for_press()
```

```
    lights.off()
```

```
buzzer.off()
```

```
button.wait_for_release()
```