

ASSIGNMENT-3

TEAM CODE: PNT2022TMIDOO858

CODE:

```
from gpiozero import  
  
Button, LEDbutton =  
  
Button(21)  
led = LED(25)  
  
/*while True:  
button.wait_for_press()  
    led.on  
()  
    button.wait_for_release()  
    led.off()*/  
  
  
while  
    True:  
        led.blink  
()  
    button.wait_for_press()  
    led.off()  
    button.wait_for_release()  
  
from gpiozero import Button,  
  
TrafficLightslights =  
TrafficLights(25, 8, 7)  
  
while True:  
    button.wait_for_press()  
    lights.on()  
    button.wait_for_release()
```

```
while True:  
    lights.blink()  
    button.wait_for_press()  
    lights.off()  
    button.wait_for_release()
```

```
    sleep() from time import
```

```
sleep
```

```
/* while True:  
    lights.green.on()  
    sleep(1)  
    lights.amber.on()  
    sleep(1)  
    lights.red.on()  
    sleep(1)  
    lights.off() */
```

```
while True:  
    button.wait_for_press()  
    lights.green.on()  
    sleep(1)  
    lights.amber.on()  
    sleep(1)  
    lights.red.on()  
    sleep(1)  
    lights.off()
```