

Date	15 OCTOBER 2022
Team ID	PNT2022TMID07810
Project Name	IOT Based Safety Gadget for Child Safety Monitoring And Notification
Name	ELANGO JR

### **ASSIGNMENT-3**

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

```
From gpiozero import Button
```

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

```
While True
```

```
    Print(button.is_pressed)
```

```
While True:
```

```
    If button.is_pressed:
```

```
        Print("Hello")
```

```
    Else:
```

```
        Print("Goodbye")
```

```
While True:
```

```
    Button.wait_for_press()
```

```
    Print("Pressed")
```

```
    Button.wait_for_release()
```

```
    Print("Released")
```

```
From gpiozero import Button,
```

```
Led = LED(25)
```

```
While True:
```

```
    Button.wait_for_press()
```

```
    Led.on()
```

```
    Button.wait_for_release()
```

```
    Led.off()
```

```
While True:
```

Led.on()

Button.wait\_for\_press()

Led.off()

Button.wait\_for\_release()