Industry – Specific Intelligence Fire Management System Team ID: PNT2022TMID47980

Assignment – 3
Write a python code for blinking LED and Traffic lights for Raspberry pi

```
from gpiozero import Button, LED

button = 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, TrafficLights

lights = TrafficLights(25, 8, 7)

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

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

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()
```