ASSIGNMENT 3

DATE	25-11-2022
Team ID	**PNT2022TMID25209**
Project Name	**Industry Specific Intelligent Fire Management System**

Python code for blinking LED and Traffic lights for Raspberry pi.

```python
import RPi.GPIO as GPIO
import time

ledPin = 22    # pin22

def setup():
    GPIO.setmode(GPIO.BOARD)
    GPIO.setup(ledPin, GPIO.OUT)
    GPIO.output(ledPin, GPIO.LOW)

def loop():
    while True:
        print 'LED on'
        GPIO.output(ledPin, GPIO.HIGH)
        time.sleep(1.0)
        print 'LED off'
        GPIO.output(ledPin, GPIO.LOW)
        time.sleep(1.0)
def endprogram():

    GPIO.output(ledPin, GPIO.LOW)
    GPIO.cleanup()

if _name_ == '_main_':
    setup()
    try:
        loop()
    except KeyboardInterrupt:
        endprogram()
```