ASSIGNMENT-3

Problem Statement:

Write python code for blinking LED and Traffic lights for Raspberry-pi.

Code:

```python
import RPi.GPIO as GPIO
import time
GPIO.setmode(GPIO.BOARD)


red=7
yellow=11
green=13


GPIO.setup(red, GPIO.OUT)
GPIO.setup(yellow, GPIO.OUT)
GPIO.setup(green, GPIO.OUT)


while True:
    GPIO.output(red, True)
    print("RED light is ON")
    time.sleep(3)
    GPIO.output(red,False)

    GPIO.output(yellow, True)
    print("YELLOW light  is ON")
```

```
        time.sleep(3)

        GPIO.output(yellow,False)


        GPIO.output(green, True)

        print("GREEN light is ON")

        time.sleep(3)

        GPIO.output(green,False)


GPIO.cleanup()
```