Assignment-3

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Objective:

Python code for blinking LED and traffic lights for raspberry pi.

Python Code:

```
import time

import RPi.GPIO as GPIO

GPIO.setmode(GPIO.BCM)

#Green LED

GPIO.setup(20,GPIO.OUT)

#Yellow LED

GPIO.setup(26,GPIO.OUT)

#Red LED

GPIO.setup(21,GPIO.OUT)

While True:

    GPIO.output(21,GPIO.HIGH)

    print('Red")

    time.sleep(4)

    GPIO.output(21,GPIO.LOW)

    GPIO.output(26,GPIO.HIGH)
```

```python
print("Yellow")
time.sleep(4)
GPIO.output(26,GPIO.LOW)
GPIO.output(20,GPIO.HIGH)
print("Green")
time.sleep(4)
print("----------")
GPIO.output(20,GPIO.LOW)
GPIO.Cleanup()
```