Assignment 3

Assignment Date	8 October 2022
Student Name	S.Gowtham
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Maximum Marks	2 Marks

Python code for blinking LED

```
import RPi.GPIO as GPIO
import time
LED=17
GPIO.setwarnings(False)
GPIO.setmode(GPIO.BOARD)
GPIO.setup(LED, GPIO.OUT)
while True:

    GPIO.output(LED,GPIO.HIGH)
    time.sleep(3)
    GPIO.output(LED,GPIO.LOW)
    time.sleep(3)
```

Python code for Traffic lights

```
import RPi.GPIO as GPIO
import time
Red=11
Yellow=10
Green=9
GPIO.setwarnings(False)
GPIO.setmode(GPIO.BOARD)
GPIO.setup(Red, GPIO.OUT)
GPIO.setup(Yellow, GPIO.OUT)
GPIO.setup(Green, GPIO.OUT)
while True:
GPIO.output(Red,False)
GPIO.output(Yellow,False)
GPIO.output(Green,False)

GPIO.output(Red,True)
time.sleep(5)
GPIO.output(Red,False)
GPIO.output(Yellow,True)
time.sleep(5)
GPIO.output(Yellow,False)
GPIO.output(Green,True)
time.sleep(5)
GPIO.output(Green,False)
```