

ASSIGNMENT 3

DATE	29 SEPTEMBER 2022
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MAXIMUM MARK	2

PROGRAM

```
import RPi.GPIO as GPIO
import time
GPIO.setmode(GPIO.BOARD)
GPIO.setwarnings(False)
GPIO.setup(40,GPIO.OUT)
GPIO.setup(38,GPIO.OUT)
GPIO.setup(36,GPIO.OUT)
GPIO.setup(32,GPIO.OUT)
while True:
    #Blinking LED
    GPIO.output(40,True)
    time.sleep(0.5)
    GPIO.output(40,False)
    time.sleep(0.5)
    #Traffic Light
    GPIO.output(38,True)
    time.sleep(2)
    GPIO.output(38,False)
    time.sleep(1)
    GPIO.output(36,True)
    time.sleep(1)
    GPIO.output(36,False)
    time.sleep(1)
    GPIO.output(32,True)
    time.sleep(2)
    GPIO.output(32,False)
    time.sleep(1)
```