

ASSIGNMENT-3

| | |
|---------------------|-------------------|
| Date | 29 September 2022 |
| Student Name | Sri Rajam M |
| Student Roll Number | 110519106029 |
| Maximum Marks | 2 Marks |

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)
```