

ASSIGNMENT-3

Date	29 September 2022
Student Name	Snekha N
Student Roll Number	110519106026
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)
```