

**Assignment -3**  
Python Programming

Assignment Date	07 October 2022
Student Name	HARIPRASATH. V
Student Roll Number	737819ECR053
Maximum Marks	2 Marks

**Question:**

Write a python code for blinking LED and Traffic lights for Raspberry Pi.

Program:

```
import RPi.GPIO as GPIO
import time

LED_PIN = 17

GPIO.setmode(GPIO.BCM)
GPIO.setup(LED_PIN, GPIO.OUT)

try:
    while True:
        GPIO.output(LED_PIN, GPIO.HIGH)
        time.sleep(1)
        GPIO.output(LED_PIN, GPIO.LOW)
        time.sleep(1)
except KeyboardInterrupt:
    GPIO.cleanup()
```