ASSIGNMENT 3

PRASATH V

PNT2022TMID01111

AIM:

Build a Raspberry pi code for blinking LED and Traffic light.

SOFTWARE REQUIRED:

Raspberry pi

Raspberry pi CODE:

```
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()
```