

VSB Engineering College, Karur-639111

Department of Computer Science Engineering

IOT Assignment

Topic : Blinking Led and Traffic lights for Raspberry pi

Name: SRIVISHAL V

Code:-

```
import time

import RPi.GPIO as GPIO

GPIO.setmode(GPIO.BOARD)

GPIO.setup(11, GPIO.OUT)

GPIO.setup(12, GPIO.OUT)

GPIO.setup(13, GPIO.OUT)


while True:

    GPIO.output(11,True) ## Turn on redLed

    time.sleep(1)    ## Wait for one second

    GPIO.output(11,False) ## Turn off redLed

    time.sleep(1)    ## Wait for one second

    GPIO.output(12,True) ## Turn on yellowLed

    time.sleep(1)    ## Wait for one second

    GPIO.output(12,False) ## Turn off yellowLed

    time.sleep(1)    ## Wait for one second

    GPIO.output(13,True) ## Turn on greenLed

    time.sleep(1)    ## Wait for one second
```

```
GPIO.output(13,False) ## Turn off greenLed
```

```
time.sleep(1)    ## Wait for one second
```

```
*****
```