

VSB Engineering College, Karur-639111

Department of Computer Science Engineering

IOT Assignment

Topic : Blinking Led and Traffic lights for Raspberry pi

Name: VIGNESHWARAN P

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
```

```
*****
```