

## Python Code for Traffic lights for raspberry pi

```
import Rpi.GPIO as GPIO

import time

GPIO.setwarnings(False)

# set up variables

Green = 11

Yellow = 10

Red = 9

# set up numbering scheme

GPIO.setmode (GPIO.BCM)

# set the mode on the pins to out

GPIO.(red,GPIO.out)

GPIO.(green,GPIO.out)

GPIO.(yellowGPIO.out)

# initially turn the lights off

GPIO.output (green,false)

GPIO.output (yellow,false)

GPIO.output (red,false)

# turn green on for 3 seconds

GPIO.output (green,true)

Time.Sleep (3)

# turn yellow on for 3 seconds

GPIO.output (green,false)

GPIO.output (yellow,false)

Time.sleep (3)

# turn red on

GPIO.output (yellow,false)

GPIO.output(red,true)
```

```
LTime.sleep (10)
```

### **Python Code for Blinking LED for raspberry pi**

```
From GPIOzero import LED
```

```
From time import sleep
```

```
Led = LED (16)
```

```
While true:
```

```
LED.on ()
```

```
Sleep (1)
```

```
LED.off ()
```

```
Sleep(1)
```