

#PYTHON CODE FOR BLINKING LED IN RASPBERRY PI

```
from gpiozero import LED  
from time import sleep
```

```
led=LED(16)
```

```
while True:
```

```
    led.on()
```

```
    sleep(1)
```

```
    led.off()
```

```
    sleep(1)
```

#PYTHON CODE FOR TRAFFIC LIGHTS IN RASPBERRY PI

```
import RPi.GPIO as GPIO
from time import sleep
```

```
GPIO.setmode(GPIO,BOARD)
```

```
red=7
yellow=11
green=13
```

```
GPIO.setup(red, GPIO.OUT)
GPIO.setup(yellow, GPIO.OUT)
GPIO.setup(green, GPIO.OUT)
```

```
while True:
```

```
    GPIO.output(red,True)
    sleep(3)
    GPIO.output(red,False)
```

```
    GPIO.output(yellow,True)
    sleep(3)
    GPIO.output(yellow,False)
```

```
    GPIO.output(green,True)
    sleep(3)
    GPIO.output(green,False)
```

```
GPIO.cleanup()
```