

python code for blinking LED for Raspberry pi

```
import time
import RPi.GPIO as GPIO    ## Import GPIO library
GPIO.setmode(GPIO.BOARD)  ## Use board pin numbering
GPIO.setup(11, GPIO.OUT)   ## Setup GPIO Pin 11 to OUT
while True:
    GPIO.output(11,True)   ## Turn on Led
    time.sleep(1)          ## Wait for one second
    GPIO.output(11,False)  ## Turn off Led
    time.sleep(1)          ## Wait for one
second
```

python code for blinking Traffic lights for Raspberry pi.

```
from gpiozero import Button, TrafficLights, Buzzer
from time import sleep
```

```
buzzer = Buzzer(15)
button = Button(21)
lights = TrafficLights(25, 8, 7)
```

```
while True:
    button.wait_for_press()
    buzzer.on()
    light.green.on()
    sleep(1)
    lights.amber.on()
    sleep(1)
    lights.red.on()
    sleep(1)
    lights.off()
    buzzer.off()
```