

LED Blinking using Raspberry Pi - Python

```
Import time

import RP1.GPIO as GPIO

GPIO.setmode (GPIO. BOARD)

GPIO.setup (11, GPIO.OUT)

while True:

    GPIO.output (11, True)

    time.sleep(1)

    GPIO.output (11, False)

    time.sleep(1)
```

Traffic light using Raspberry Pi – Python

```
From gpiozero import LED, Button

from time import sleep

green =LED (17)

red =LED (18)

amber =LED (2)

button =Button (3)

print ("Press the button when you want to cross")

green.on()

amber.off()

red.off()

while True:

    print ("Wait")

    button.wait_for_press ()

    green.off()

    amber.on()

    sleep (5)

    amber.off()

    red.on()
```

```
print ("Cross now")
```

```
sleep (10)
```

```
amber.on()
```

```
sleep (5)
```

```
green.on()
```

```
amber.off()
```

```
red.off()
```