

```
import RPi.GPIO as GPIO
```

```
import time
```

```
try:
```

```
def lightTraffic(led1, led2, led3, delay ):
```

```
    GPIO.output(led1, 1)
```

```
    time.sleep(delay)
```

```
    GPIO.output(led1, 0)
```

```
    GPIO.output(led2, 1)
```

```
    time.sleep(delay)
```

```
    GPIO.output(led2, 0)
```

```
    GPIO.output(led3, 1)
```

```
    time.sleep(delay)
```

```
    GPIO.output(led3, 0)
```

```
    GPIO.setmode(GPIO.BCM)
```

```
    button = 19
```

```
    GPIO.setup(button, GPIO.IN, pull_up_down=GPIO.PUD_UP)
```

```
    ledGreen = 16
```

```
    ledYellow = 12
```

```
    ledRed = 23
```

```
    GPIO.setup(ledGreen, GPIO.OUT)
```

```
    GPIO.setup(ledYellow, GPIO.OUT)
```

```
    GPIO.setup(ledRed, GPIO.OUT)
```

```
while True:
```

```
    input_state = GPIO.input(button)
```

```
if input_state == False:

    print('Button Pressed')

    lightTraffic(ledGreen, ledYellow, ledRed, 1)

else:

    GPIO.output(ledGreen, 0)

    GPIO.output(ledYellow, 0)

    GPIO.output(ledRed, 0)

except KeyboardInterrupt:

    print "You've exited the program"

finally:

    GPIO.cleanup()
```