

Write python code for blinking LED and Traffic lights for Raspberry pi

Code:

```
import RPi.GPIO as GPIO

import time

import signal

import sys

#setup

GPIO.setmode (GPIO.BCM)

GPIO.setup (9, GPIO.OUT)

GPIO.setup (10, GPIO.OUT)

GPIO.setup (11, GPIO.OUT)

GPIO.output(9,False)

GPIO.output(10,False)

GPIO.output(11,False)

GPIO.cleanup()

sys.exit(0)
```

```
signal.signal(signal.SIGINT,allLightsOff)
```

```
#loop
```

```
While True:
```

```
    #red
```

```
        GPIO.output(9,True)
```

```
        time.sleep(3)
```

```
    #red&amber
```

```
        GPIO.output(10,True)
```

```
        time.sleep(1)
```

```
    #green
```

```
        GPIO.output(9,False)
```

```
        GPIO.output(9,True)
```

```
        GPIO.output(11,True)
```

```
        time.sleep(5)
```

```
    #amber
```

```
        GPIO.output(11,False)
```

```
        GPIO.output(10,True)
```

```
        time.sleep(2)
```

```
    #amber off
```

```
        GPIO.output(10,False)
```

