Programiz
Python Online Compiler

Interactive Python
Course

| main.py | | | Run | | Shell | Clear |

```python
1  import RPi. GPIO as GPIO
2  import time
3  import signal
4  import sys
5  #setup
6  GPIO.setmode (GPIO.BCM)
7  GPIO.setup (9, GPIO.OUT)
8  GPIO.setup (10, GPIO.OUT)
9  GPIO.setup (11, GPIO.OUT)
10 GPIO.output(9,False)
11 GPIO.output(10,False)
12 GPIO.output(11,False)
13 GPIO.cleanup()
14 sys.exit(0)
15 signal.signal(signal.SIGINT,allLightsOff)
16 #loop
17 While True:
18   #red
19   GPIO.output(9,True)
20   time.sleep(3)
21   #red&amber
22   GPIO.output(10,True)
23   time.sleep(1)
24   #green
25   GPIO.output(9,False)
26   GPIO.output(9,True)
27   GPIO.output(11,True)
28   time.sleep(5)
29   #amber
30   GPIO.output(11,False)
31   GPIO.output(10,True)
32   time.sleep(2)
33   #amber off
34   GPIO.output(10,False)
```

> |