

Assignment 3

S. M. Ponnuchamy

Programiz

Python Online Compiler

Interactive Python
Course

main.py

Run

Shell

Clear

```
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)
```