# Assignment 3

Balamurali

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)
```