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

ASSIGNMENT-3

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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

GINT,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)
```