DMI ENGINEERING COLLEGE
ARALVOIMOZHI
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
IBM NALAIYA THIRAN
ASSIGNMENT-3

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

Code:

```python
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)
```