

IBM ASSIGNMENT-3

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Build a python code. Write python code for blinking LED and Traffic lights for Raspberry pi.

Program:

```
import RPi.GPIO as GPIO

import time

import
signal import

import sys

GPIO.setmode(GPIO.BCM)

GPIO.setup(9,
GPIO.OUT)
GPIO.setup(10,
GPIO.OUT)
GPIO.setup(11,
GPIO.OUT)

GPIO.output(10, False)
```



```
1,GPIO.OUT)

def allLightsOff(signal,

frame):GPIO.output(9,Fals

e) GPIO.output(11,

False)GPIO.cleanup()

sys.exit(0)

signal.signal(signal.SIGINT,allLightsOff)

while

True:GPIO.output(9,

True)time.sleep(3)G

PIO.output(10,

True)time.sleep(1)G

PIO.output(9,

False)GPIO.output(1

0,

False)GPIO.output(1

1,

True)time.sleep(5)G

GPIO.output(10,Fals
```



```
PIO.output(11,  
False)GPIO.output(1  
0, True)time.sleep(2)
```

```
GPIO.output(10,Fals
```

