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 sys

GPIO.setmode(GPIO.BCM)

GPIO.setup(9, GPIO.OUT)

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

GPIO.OUT)

def allLightsOff(signal, frame):

    GPIO.output(9, False)

    GPIO.output(10, False)

    GPIO.output(11, False)

    GPIO.cleanup()     sys.exit(0)
```

```python
signal.signal(signal.SIGINT, allLightsOff)


while True:    GPIO.output(9,

True)     time.sleep(3)

GPIO.output(10, True)

  time.sleep(1)

  GPIO.output(9, False)

  GPIO.output(10, False)     GPIO.output(11,

True)

  time.sleep(5)

  GPIO.output(11, False)     GPIO.output(10,

True)

  time.sleep(2)

  GPIO.output(10, False)
```