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)
```

```python
    GPIO.cleanup()

    sys.exit(0)

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)
```