IBM ASSIGNMENT- 3 TEAM

ID   : PNT2022TMID26592

NAME   : RUBY.J

ROLL NO: 212919104036

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

Program:

```python
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)
```