

IBM

**ASSIGNMENT- 3 TEAM ID :
PNT2022TMID26631**

NAME: HEM ARJUN.M

**ROLL NO:
212919106031**

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.cle

anup()

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)