

IBM

**ASSIGNMENT- 3 TEAM ID :
PNT2022TMID26631**

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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.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)