

IBM ASSIGNMENT-3

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

CODE:

```
from gpiozero import LED
```

```
from time import sleep
```

```
red=LED(22)
```

```
amber=LED(27)
```

```
green=LED(17)
```

```
while True:
```

```
    red.on()
```

```
    sleep(1)
```

```
    amber.on()
```

```
    sleep(1)
```

```
    green.on()
```

```
    sleep(1)
```

```
red.off()
sleep(1)
amber.off()
sleep(1)
green.off()
sleep(1)
```

```
import RPi.GPIO as GPIO
from time import sleep
GPIO.setwarnings(False)
GPIO.setmode(GPIO.BOARD)
GPIO.setup(8,GPIO.OUT,
initial=GPIO.LOW)
While True:
GPIO.output(8,GPIO.HIGH)
Sleep(1)
GPIO.output(8,GPIO.LOW)
Sleep(1)
```

OUTPUT:

