IBM ASSIGNMENT - 3

NAME : SOWMIYA

ROLL.NO : 7376191EC277

1) Traffic light

```
from gpiozero import Button,
TrafficLights, Buzzer  from time import
sleep

buzzer = Buzzer(15)
button = Button(21)
lights = TrafficLights(25, 8, 7)

while True:
 button.wait_for_press()
 buzzer.on()
 lights.green.on()
 sleep(1)
 lights.amber.on()
 sleep(1)
 lights.red.on()
 sleep(1)
 lights.off()
 buzzer.off()
```

2)blinking light

```python
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)
```