

PYTHON ASSIGNMENT FOR BLINKING LED

CODE:

```
from time import sleep

buzzer = Buzzer(15)

button = Button(21)

lights = TrafficLights(25, 8, 7)

while True:

    button.wait_for_press()

    buzzer.on()

    light.green.on()

    sleep(1)

    lights.amber.on()

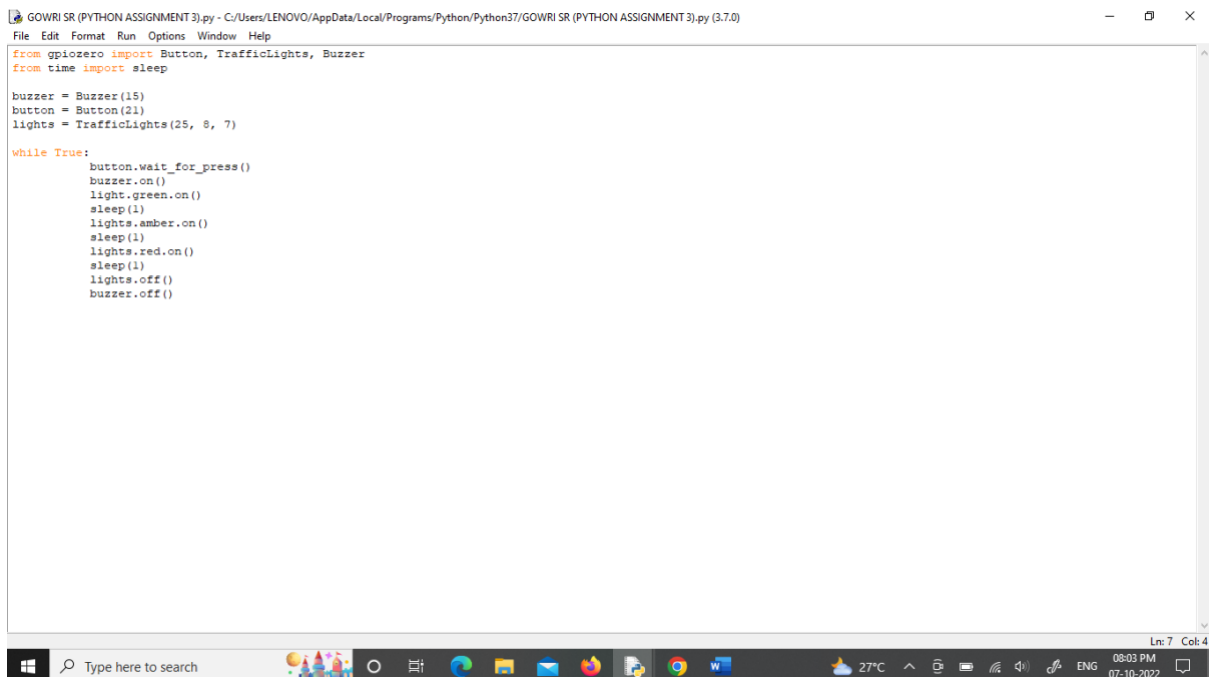
    sleep(1)

    lights.red.on()

    sleep(1)

    lights.off()

    buzzer.off()
```



The screenshot shows a Python IDE window titled "GOWRI SR (PYTHON ASSIGNMENT 3).py". The code is as follows:

```
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()
    light.green.on()
    sleep(1)
    lights.amber.on()
    sleep(1)
    lights.red.on()
    sleep(1)
    lights.off()
    buzzer.off()
```

The IDE interface includes a menu bar (File, Edit, Format, Run, Options, Window, Help) and a status bar at the bottom showing "Ln: 7 Col: 4". The Windows taskbar is visible at the very bottom with the search bar and various application icons.