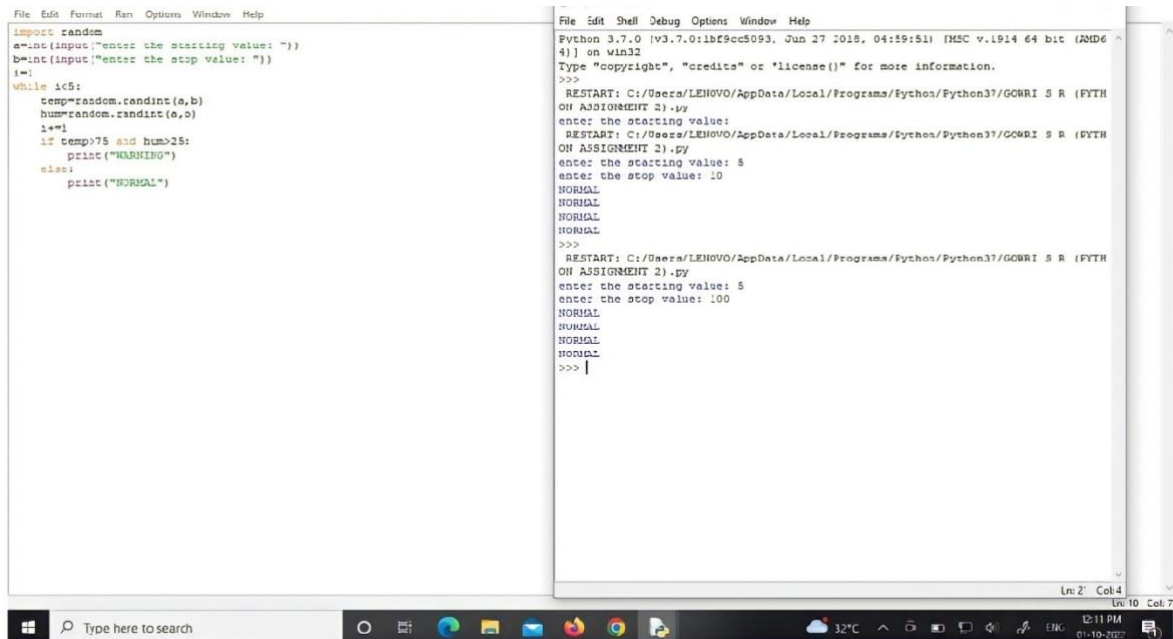


## PYTHON CODE FOR TEMPERATURE AND HUMIDITY WITH ALARM

### CODE:

```
import random
a=int(input("enter the starting value: "))
b=int(input("enter the stop value: "))
i=1
while i<5:
    temp=random.randint(a,b)
    hum=random.randint(a,b)
    i+=1
    if temp>75 and hum>25:
        print("WARNING")
    else:
        print("NORMAL")
```

## OUTPUT:



The image shows a screenshot of a Python IDE with two windows. The left window displays the source code, and the right window shows the output of the program.

```
File Edit Format Run Options Window Help
import random
a=int(input("enter the starting value: "))
b=int(input("enter the stop value: "))
i=1
while i<5:
    temp=random.randint(a,b)
    hum=random.randint(a,b)
    i+=1
    if temp>75 and hum>25:
        print("HAZARDING")
    else:
        print("NORMAL")
```

The right window shows the output of the program, including the Python version, the file path, and the results of the random number generation. The output is as follows:

```
Python 3.7.0 [v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51] [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:/Users/LENOVO/AppData/Local/Programs/Python/Python37/GOWRI S R (FYTH ON ASSIGNMENT 2).py
enter the starting value:
RESTART: C:/Users/LENOVO/AppData/Local/Programs/Python/Python37/GOWRI S R (FYTH ON ASSIGNMENT 2).py
enter the starting value: 5
enter the stop value: 10
NORMAL
NORMAL
NORMAL
NORMAL
>>>
RESTART: C:/Users/LENOVO/AppData/Local/Programs/Python/Python37/GOWRI S R (FYTH ON ASSIGNMENT 2).py
enter the starting value: 5
enter the stop value: 100
NORMAL
NORMAL
NORMAL
NORMAL
>>>
```

The taskbar at the bottom shows the Windows Start button, a search bar, and several application icons. The system tray on the right indicates a temperature of 32°C and the date 01-10-2022.