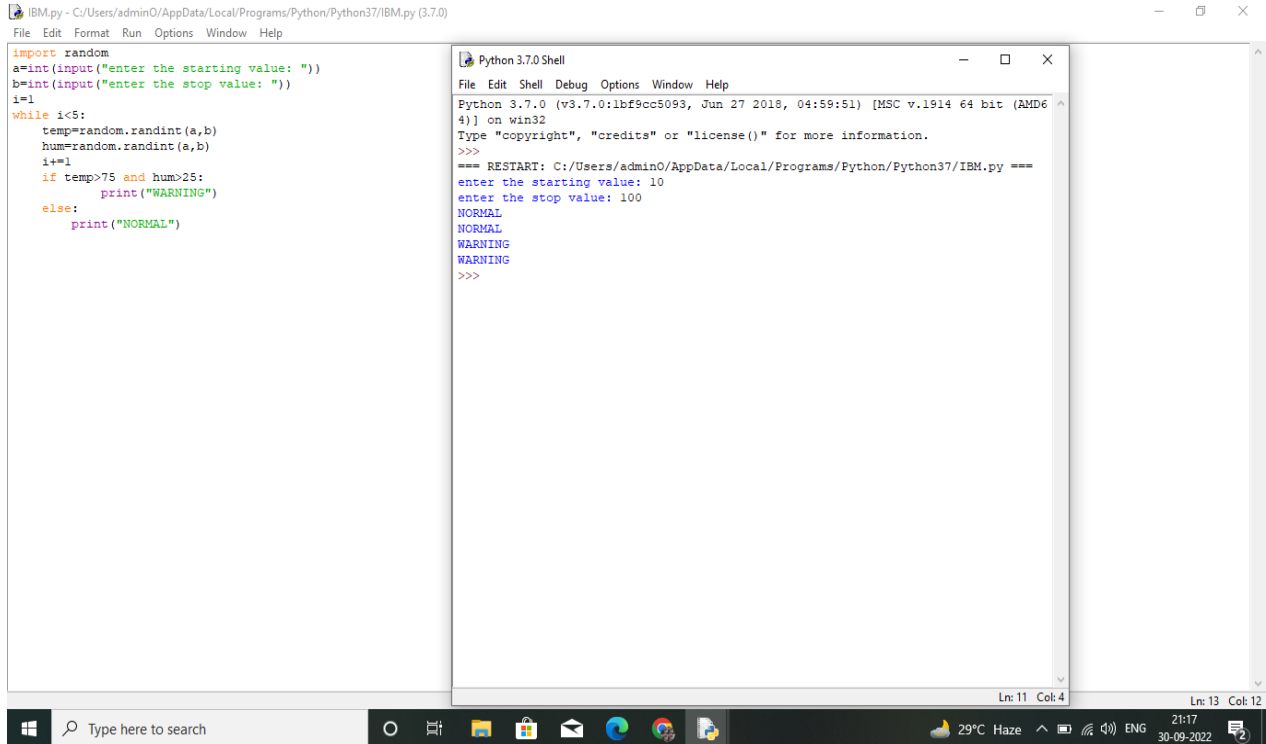


ASSIGNMENT – II

ALARM SOUND WHEN THE TEMPERATURE IS HIGH



The screenshot shows a Python IDE with two windows. The left window, titled 'IBM.py', contains the following 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")
```

The right window, titled 'Python 3.7.0 Shell', shows the execution output:

```
Python 3.7.0 (tags/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/adminO/AppData/Local/Programs/Python/Python37/IBM.py ===
enter the starting value: 10
enter the stop value: 100
NORMAL
NORMAL
WARNING
WARNING
>>>
```

The Windows taskbar at the bottom shows the date as 30-09-2022 and the time as 21:17.

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")
```

IBM.py - C:/Users/adminO/AppData/Local/Programs/Python/Python37/IBM.py (3.7.0)
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("WARNING")
    else:
        print("NORMAL")
```

Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
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/adminO/AppData/Local/Programs/Python/Python37/IBM.py ===
enter the starting value: 10
enter the stop value: 100
NORMAL
NORMAL
WARNING
WARNING
>>>
=== RESTART: C:/Users/adminO/AppData/Local/Programs/Python/Python37/IBM.py ===
enter the starting value: 25
enter the stop value: 75
NORMAL
NORMAL
NORMAL
NORMAL
>>> |

Ln: 19 Col: 4
Ln: 15 Col: 0

Type here to search
29°C Haze 21:27 30-09-2022