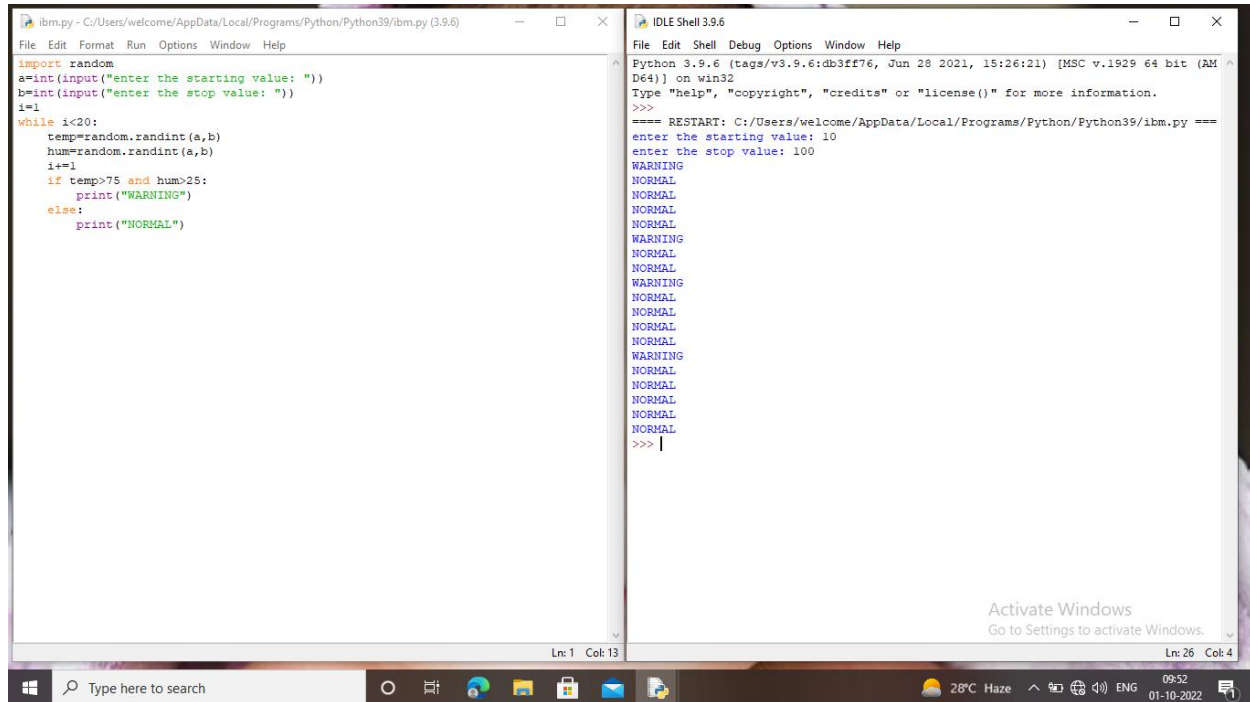


ALARM MESSAGE WHEN TEMPERATURE IS HIGH

ASSIGNMENT-II



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<20:
    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 'IDLE Shell 3.9.6', shows the output of the program. It displays the prompts for starting and stop values, followed by a series of 'WARNING' and 'NORMAL' messages. The output is as follows:

```
Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
==== RESTART: C:/Users/welcome/AppData/Local/Programs/Python/Python39/ibm.py ====
enter the starting value: 10
enter the stop value: 100
WARNING
NORMAL
NORMAL
NORMAL
NORMAL
WARNING
NORMAL
NORMAL
WARNING
NORMAL
NORMAL
WARNING
NORMAL
NORMAL
NORMAL
NORMAL
>>> |
```

The taskbar at the bottom shows the system clock as 09:52 on 01-10-2022, and the weather as 28°C Haze.

PROGRAM:

```
import random
```

```
a=int(input("enter the starting value: "))
```

```
b=int(input("enter the stop value: "))
```

```
i=1
```

```
while i<20:
```

```
    temp=random.randint(a,b)
```

```
hum=random.randint(a,b)
```

```
i+=1
```

```
if temp>75 and hum>25:
```

```
    print("WARNING")
```

```
else:
```

```
    print("NORMAL")
```