

IBM NALAIYA THIRAN

Assignment 2

SUBMITTED BY:

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CODE:

```
import random

while(True):

    a=random.randint(10,99)

    b=random.randint(10,99)

    if(a>35 and b>60):

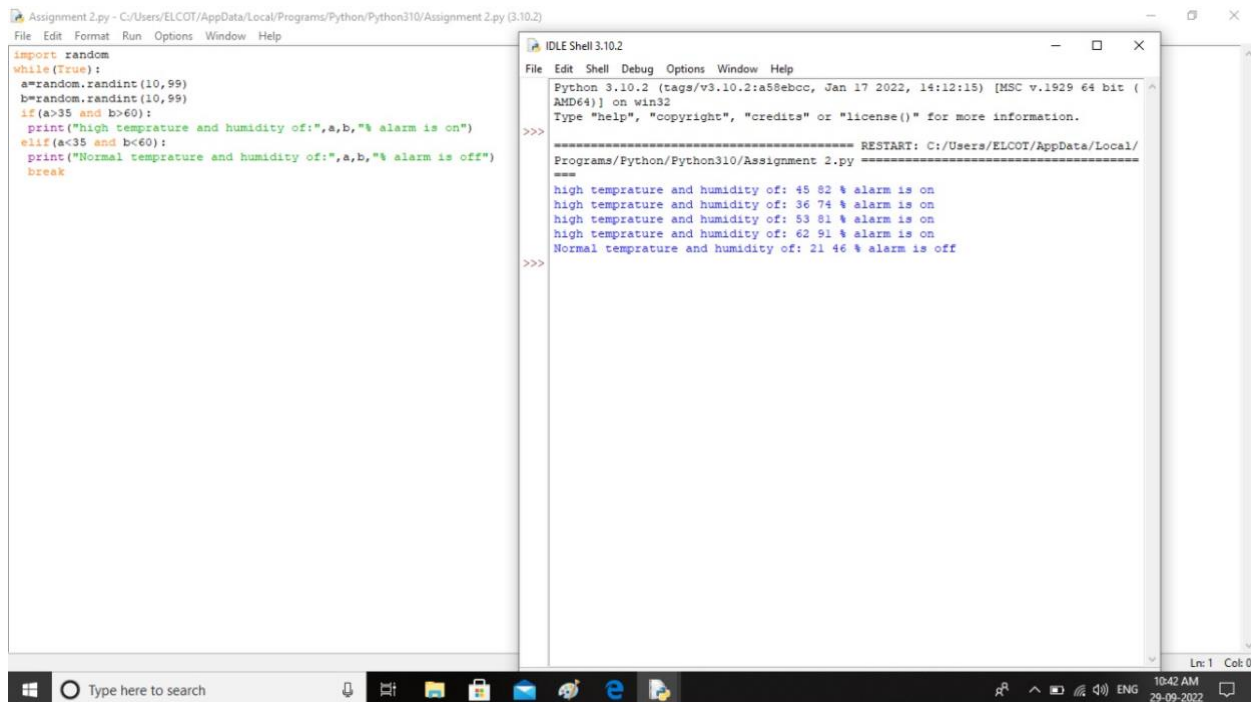
        print("high temprature and humidity of:",a,b,"% alarm is on")

    elif(a<35 and b<60):

        print("Normal temprature and humidity of:",a,b,"% alarm is off")

    break
```

OUTPUT:



The screenshot displays a Python IDE with two windows. The left window, titled 'Assignment 2.py', contains the following code:

```
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>35 and b>60):
        print("high temprature and humidity of:",a,b,"% alarm is on")
    elif(a<35 and b<60):
        print("Normal temprature and humidity of:",a,b,"% alarm is off")
    break
```

The right window, titled 'IDLE Shell 3.10.2', shows the output of the program:

```
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/ELCOT/AppData/Local/Programs/Python/Python310/Assignment 2.py =====
high temprature and humidity of: 45 82 % alarm is on
high temprature and humidity of: 36 74 % alarm is on
high temprature and humidity of: 53 81 % alarm is on
high temprature and humidity of: 62 91 % alarm is on
Normal temprature and humidity of: 21 46 % alarm is off
>>>
```

The taskbar at the bottom shows the Windows Start button, a search bar, and several application icons. The system clock indicates the time is 10:42 AM on 29-09-2022.