

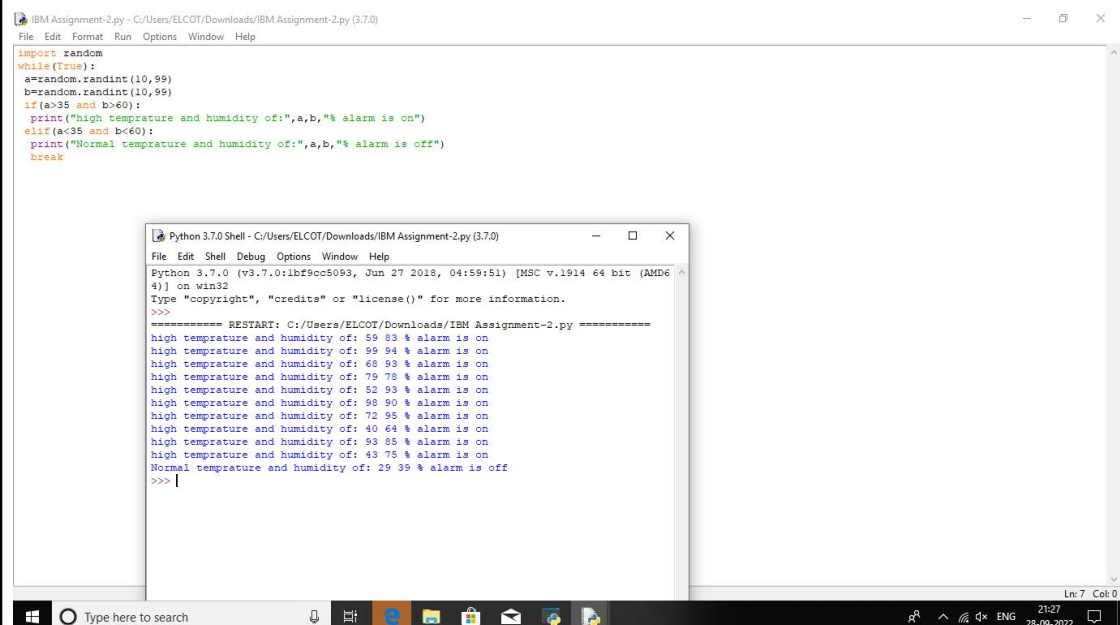
IBM-Naalaiyathiran

Assignment 2

Submitted by,
S.Nimshia
Reg no:960219106091

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 of")
    break
```



The screenshot displays a Windows desktop environment. In the background, a window titled 'IBM Assignment-2.py - C:/Users/ELCOT/Downloads/IBM Assignment-2.py (3.7.0)' is open, showing the Python code from the previous block. In the foreground, a 'Python 3.7.0 Shell' window is open, showing the execution of the script. The terminal output shows multiple iterations of the while loop, printing 'high temprature and humidity of: [a] [b] % alarm is on' for various values of a and b, and finally 'Normal temprature and humidity of: 29 39 % alarm is off' before the loop breaks. The taskbar at the bottom shows the Windows Start button, a search bar, and several pinned application icons. The system tray on the right indicates the time as 21:27 on 28-09-2022.

```
Python 3.7.0 Shell - C:/Users/ELCOT/Downloads/IBM Assignment-2.py (3.7.0)
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf50c5093, 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/ELCOT/Downloads/IBM Assignment-2.py =====
high temprature and humidity of: 59 83 % alarm is on
high temprature and humidity of: 99 94 % alarm is on
high temprature and humidity of: 68 93 % alarm is on
high temprature and humidity of: 79 78 % alarm is on
high temprature and humidity of: 52 93 % alarm is on
high temprature and humidity of: 98 90 % alarm is on
high temprature and humidity of: 72 95 % alarm is on
high temprature and humidity of: 40 64 % alarm is on
high temprature and humidity of: 93 85 % alarm is on
high temprature and humidity of: 43 75 % alarm is on
Normal temprature and humidity of: 29 39 % alarm is off
>>>
```