

Assignment -2
Python Programming

Assignment Date	27 September 2022
Student Name	M.B.Betsy
Student Roll Number	821219104005
Maximum Marks	2 Marks

Question-1:

Build a python code, Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature .

Solution:

```
a = int (input("enter temp") )
while 64<= a <=78:
    print("normal temp")
    break
b = int (input("enter humidity"))
while 30<= b <=50:
    print("normal humidity")
    break
while a >78 and b >50:
    print ("high temperature & humidity")
```

```
python assg ibm.py - C:\Users\HP\AppData\Local\Programs\Python\Python310\py...
File Edit Format Run Options Window Help
a = int(input("enter temp"))
while 64<= a <=78:
    print("normal temp")
    break
b = int(input("enter humidity"))
while 30<= b <=50:
    print("normal humidity")
    break
while a >78 and b >50:
    print("high temperature & humidity")

IDLE Shell 3.10.7
File Edit Shell Debug Options Window Help
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\HP\AppData\Local\Programs\Python\Python310\python assg ibm.py
enter temp68
normal temp
enter humidity40
normal humidity
>>>
```

```
python assg ibm.py - C:\Users\HP\AppData\Local\Programs\Python\Python310\py...
File Edit Format Run Options Window Help
a = int(input("enter temp"))
while 64<= a <=78:
    print("normal temp")
    break
b = int(input("enter humidity"))
while 30<= b <=50:
    print("normal humidity")
    break
while a >78 and b >50:
    print("high temperature & humidity")

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>>>
= RESTART: C:\Users\HP\AppData\Local\Programs\Python\Python310\python assg ibm.py
enter temp85
normal humidity
>>>
```

