

ASSIGNMENT-2

PYTHON PROGRAM

ASSIGNMENT DATE	19 th Sep 2022
NAME	S.Abina
ROLL NO	960219106004
MAXIMUM MARKS	2 marks

QUESTION:

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:

PROGRAM:

```
import random

while(True):

    a=random.randint(10,99)

    b=random.randint(10,99)

    if(a>35 and b>60):

        print("high temperature 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:

```
IDLE Shell 3.10.7
File Edit Shell Debug Options Window Help
Python 3.10.7 (tags/v3.10.7:6cc0b13, 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/Abina/assignment.py =====
high temperature and humidity of: 88 69 % alarm is on
Normal temperature and humidity of: 31 10 % alarm is off
>>>
===== RESTART: C:/Users/Abina/assignment.py =====
Normal temperature and humidity of: 26 58 % alarm is off
>>>
===== RESTART: C:/Users/Abina/assignment.py =====
Normal temperature and humidity of: 28 30 % alarm is off
>>>
```

Ln 13 Col 0

Type here to search

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