

ASSIGNMENT-2

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.

PROGRAM:

```
import random

temp=random.randint(0,120)

hum=random.randint(0,100)

print(temp,hum)

if(temp>80):

    if(hum>80):

        print("hazard predicted")

    else:

        print("high temperature!!")

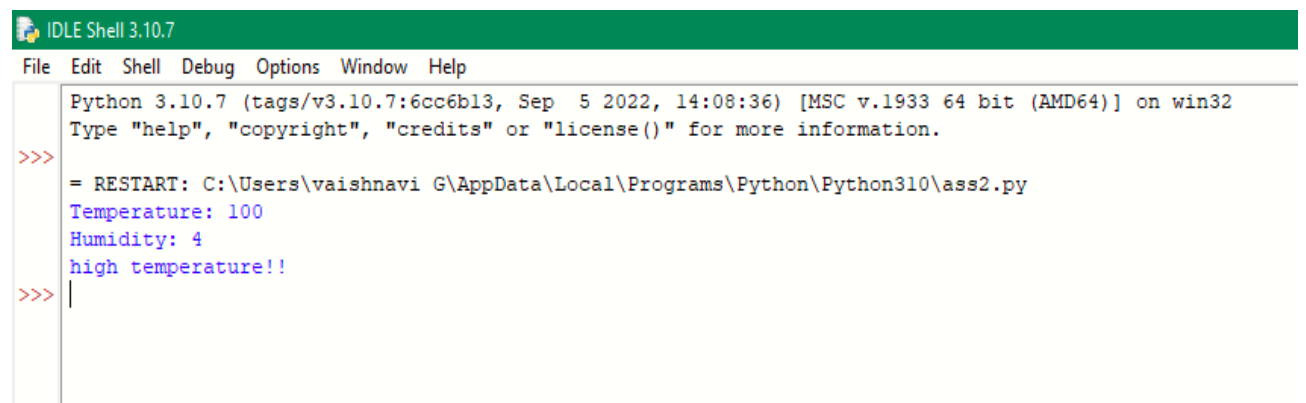
elif(temp==80):

    print("temperature is high")

else:

    print("Normal climate condition")
```

OUTPUT:



```
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\vaishnavi G\AppData\Local\Programs\Python\Python310\ass2.py
Temperature: 100
Humidity: 4
high temperature!!
>>> |
```