

IBM ASSIGNMENT-2

Assignment date	22 September 2022
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Student roll number	510119104011
Maximum mark	2 marks

Question :-

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

Solution:-

```
import winsound
a = int(input("Enter temperature value :"))
b = int(input("Enter humidity value :"))
if a>=45 and b<=40:
    print("The Temperature is HIGH",a)
    winsound.Beep(frequency=2500,duration=1000)
else:
    print("It's normal temperature")
import random
import winsound
for i in range(0,7):
    a = random.randint(20,100)
    b = random.randint(10,70)
    print(a,b)
    if a>=45 and b<=40:
        print("The Temperature is HIGH",a)
        winsound.Beep(frequency=2500,duration=1000)
```

```
pythonassignment.py - E:/pythonassignment.py (3.10.7)
File Edit Format Run Options Window Help
import winsound
a = int(input("Enter temperature value :"))
b = int(input("Enter humidity value :"))
if a>=45 and b<=40:
    print("The Temperature is HIGH",a)
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        winsound.Beep(frequency=2500,duration=1000)
```

```
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: E:/pythonassignment.py =====
Enter temperature value :55
Enter humidity value :22
The Temperature is HIGH, 55
66 45
22 46
83 37
The Temperature is HIGH 83
56 53
96 61
69 62
85 24
The Temperature is HIGH 85
>>>
```

Activate Windows
Go to Settings to activate Windows.

Windows Search bar: Type here to search



System tray area showing temperature (28°C), time (10:11 PM), date (9/25/2022), and language (ENG IN).