Assignment: Build a python code. Assume u get temperature and humidity values and write a condition to continuously detect alarm in case of high temperature

CODE:

```python
import random
while(True):

    temp=random.randint(10,99)
    humid=random.randint(10,99)

    print("current temperature:",temp)
    print("current humidity:",humid,"%")
    temp_ref=37
    humid_ref=35
    if temp>temp_ref and humid<humid_ref:
        print("Sound Alarm")
    else:
        print("Sound off")
    break
```

PROGRAME:

akshan.t.py - C:/Users/Akshan/AppData/Local/Programs/Python/Python310/akshan.t.py (3.10.1)

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import random
while(True):

    temp=random.randint(10,99)
    humid=random.randint(10,99)

    print("current temperature:",temp)
    print("current humidity:",humid,"%")
    temp_ref=37
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    if temp>temp_ref and humid<humid_ref:
        print("Sound Alarm")
    else:
        print("Sound off")
    break
```

Output :

IDLE Shell 3.10.1   —   □   ✕

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```
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec  6 2021, 19:10:37) [MSC v.1929 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/Akshan/AppData/Local/Programs/Python/Python310/akshan.t.py =
current temperature: 47
current humidity: 91 %
Sound off
>>>
```