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:

vishnupriya-assignment2.py - C:/Users/User/OneDrive/Desktop/vishnupriya-assignment2.py (3.10.4)

File   Edit   Format   Run   Options   Window   Help

```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
```

Output :

IDLE Shell 3.10.4   —   □   ✕

File   Edit   Shell   Debug   Options   Window   Help

```
Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (
AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
====== RESTART: C:/Users/User/OneDrive/Desktop/vishnupriya-assignment2.py ======
current temperature: 10
current humidity: 28 %
Sound off
>>>
```