ASSIGNMENT 2

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Build a python code, assume you 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.

CODE:

```
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
```

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main.py

```
1  import random
2  while(True):
3      temp=random.randint(10,99)
4      humid=random.randint(10,99)
5      print("Current Temperature:",temp)
6      print("Current Humidity:",humid,"%")
7      temp_ref=37
8      humid_ref=35
9      if temp>temp_ref and humid<humid_ref:
10         print("Sound Alarm")
11     else:
12         print("Sound Off")
13     break
```

input

```
Current Temperature: 31
Current Humidity: 96 %
Sound Off


...Program finished with exit code 0
Press ENTER to exit console.
```