ASSIGNMENT 2

Student Name	Nithisha X U
Student Roll Number	962319106024
Maximum Marks	2 marks

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.

Python 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
```

Output:

```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
```

```
current temperature: 62
current humidity: 41 %
Sound off
>
```