ASSIGNMENT 2

Student Name	Abishek A
Student Roll Number	962319106004
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:

```
main.py                                          Run        Shell

1  import random                                             current temperature: 62
2 ▾ while(True):                                             current humidity: 41 %
3      temp=random.randint(10,99)                            Sound off
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
```