

**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:**

```
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
```

## PROGRAMME:

```
nizar.py x
1  import random
2
3  while (True):
4
5      temp = random.randint(10, 99)
6      humid = random.randint(10, 99)
7
8      print("current temperature:", temp)
9      print("current humidity:", humid, "%")
10     temp_ref = 37
11     humid_ref = 35
12     if temp > temp_ref and humid < humid_ref:
13         print("Sound Alarm")
14     else:
15         print("Sound off")
16     break
```

## Output :

```
C:\Users\Admin\PyCharmCE2018.3\system\nizar\venv\Scripts\python.exe C:/Users/Admin/PyCharmCE2018.3/config/scratches/nizar.py
current temperature: 83
current humidity: 42 %
Sound off

Process finished with exit code 0
```