

**OBJECTIVE:**

Build a python code, Assume u get a temperature and humidity values (generated with random functions 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
```

**OUTPUT:**

Current temperature:86

Current humidity:16%

Sound Alarm

**PROGRAMME:**

sss.py - C:\Users\rahim\AppData\Local\Programs\Python\Python39\sss.py (3.9.4)

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```
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:

**Output :**

```
===== RESTART: C:\Users\rahim\AppData\Local\Programs\Python\Python39\sss.py =====
current temperature: 86
current humidity: 16 %
Sound Alarm
>>> |
```