

Assignment 2

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
```

```
9 import random
10 while(True):
11     temp=random.randint(10,99)
12     humid=random.randint(10,99)
13     print("current temperature:",temp)
14     print("current humidity:",humid,"%")
15     temp_ref=37
16     humid_ref=35
17     if temp>temp_ref and humid<humid_ref:
18         print("Sound Alarm")
19     else:
20         print("Sound off")
21     break
22
```

input

```
current temperature: 78
current humidity: 99 %
Sound off

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