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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

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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 :

```
main.py                                    Run        Shell

1   import random                                 current temperature: 61
2 ▾ while(True):                                  current humidity: 16 %
3     temp=random.randint(10,99)                  Sound Alarm
4     humid=random.randint(10,99)                 > |
5
6     print("current temperature:",temp)
7     print("current humidity:",humid,"%")
8     temp_ref=37
9     humid_ref=35
10 ▾  if temp>temp_ref and humid<humid_ref:
11      print("Sound Alarm")
12 ▾  else:
13      print("Sound off")
14     break
15
```