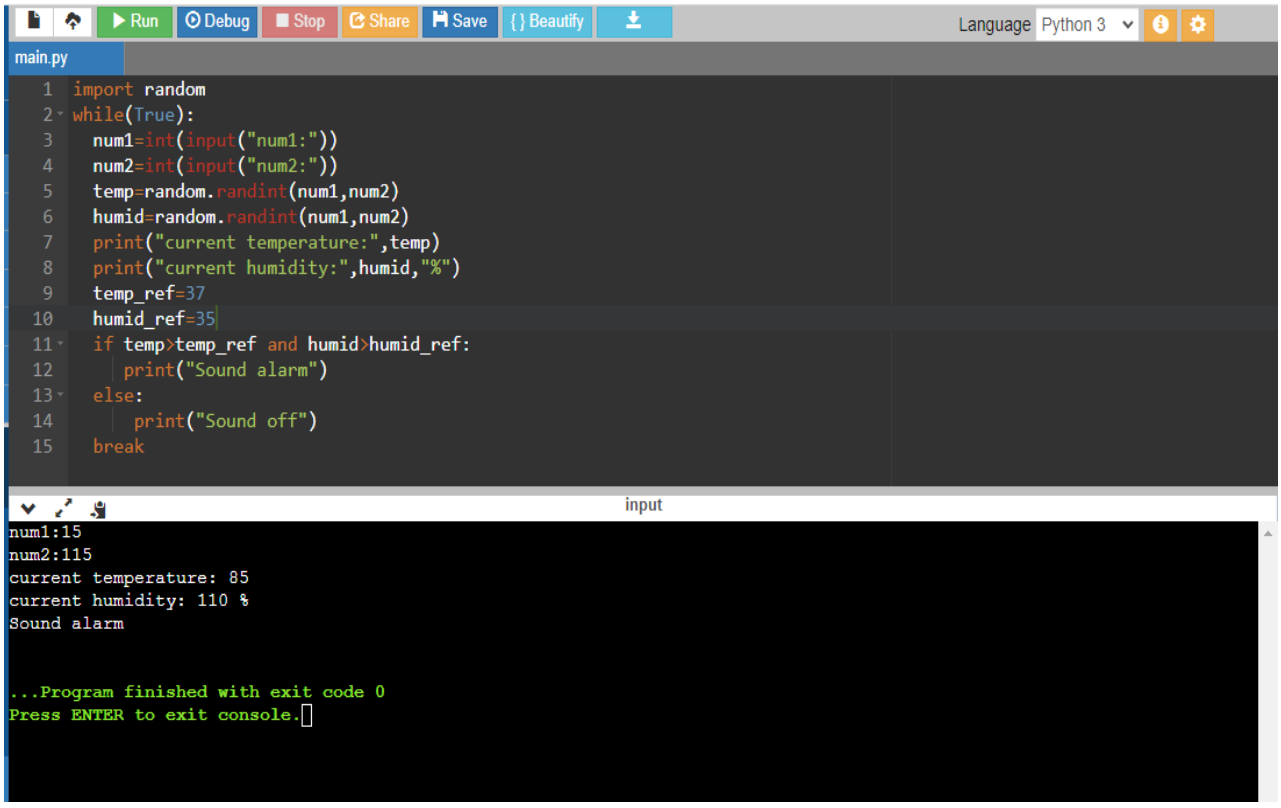
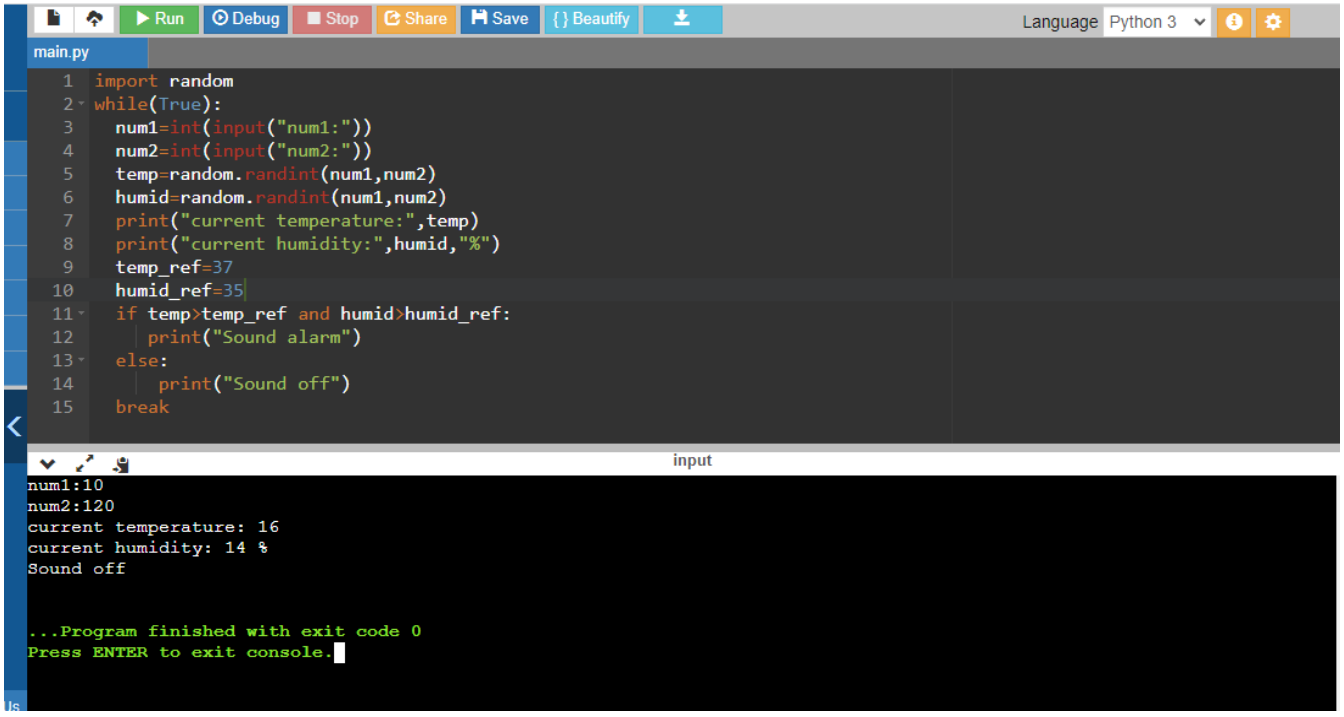
Build a python code, Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

```
import random
while(True):
 num1=int(input("num1:"))
 num2=int(input("num2:"))
 temp=random.randint(num1,num2)
 humid=random.randint(num1,num2)
 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


Run
Debug
Stop
Share
Save
{ } Beautify
Language
Python 3
main.py
1 import random
2 while(True):
3 num1=int(input("num1:"))
4 num2=int(input("num2:"))
5 temp=random.randint(num1,num2)
6 humid=random.randint(num1,num2)
7 print("current temperature:",temp)
8 print("current humidity:",humid,"%")
9 temp_ref=37
10 humid_ref=35
11 if temp>temp_ref and humid>humid_ref:
12 print("Sound alarm")
13 else:
14 print("Sound off")
15 break
input
num1:15
num2:115
current temperature: 85
current humidity: 110 %
Sound alarm
...Program finished with exit code 0
Press ENTER to exit console.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9 temp_ref=37
10 humid_ref=35
11 if temp>temp_ref and humid>humid_ref:
12 print("Sound alarm")
13 else:
14 print("Sound off")
15 break
input
num1:10
num2:120
current temperature: 16
current humidity: 14 %
Sound off
...Program finished with exit code 0
Press ENTER to exit console.