ASSIGNMENT 2

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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.

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
```

Result:

```
main.py                                    [ ]  ☾  Run          Shell

1   import random                                          current temperature: 65
2 ▾ while(True):                                           current humidity: 80 %
3     temp=random.randint(10,99)                           Sound off
4     humid=random.randint(10,99)                          >
5     print("current temperature:",temp)
6     print("current humidity:",humid,"%")
7     temp_ref=37
8     humid_ref=35
9 ▾   if temp>temp_ref and humid<humid_ref:
10        print("Sound Alarm")
11 ▾  else:
12        print("Sound off")
13    break
```