Assignment-2

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Objective:

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

Python Code:

```
import random
while (True):
    temp=random.randint(10,99)
    humid=random.radint(10,99)
    print("current temperature:",temp)
    print("current humidity:",humid."%")
    temp_ref=45
    humid_ref=45
    if temp<temp_ref and humid<humid_ref:
       print("Sound alarm")
    else:
       print("Sound off")
    break
```

Output:

```
Current temperature : 58
Current humidity : 84
```

Sound off

Screenshots: