# 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(15,99)
    humid=random.randint(15,99)
    print("current temperature:",temp)
    print("current humidity:",humid."%")
    temp_ref=105
    humid_ref=105
    if temp<temp_ref and humid<humid_ref:
       print("Sound alarm")
    else:
       print("Alarm off")
    break
```

## output:

current temperature: 64

current humidity: 29%

Sound alarm

## Screenshots: