

## ASSIGNMENT 2:

### Assignment:

Build a python code, Assume you get a temperature and humidity values (generated with random function to a variable ) and write a condition to 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("Alarm  
        On")  
    else:  
        print("Alarm    off")  
        break
```

### Output:

current temperature: 54  
current humidity: 28 %  
Alarm On  
current temperature: 54  
current humidity: 96 %  
Alarm off