

## Assignment 2

Build a python code, Assume u 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.

Code:

```
import random
```

```
print("")
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>35 and b>60):
        print("high temperature and humidity of:",a,b,"%","alarm is on")
    elif(a<35 and b<60):
        print("Normal temperature and humidity of:",a,b,"%","alarm is off")
        break
```

```
high temperature and humidity of: 89 75 % alarm is on
high temperature and humidity of: 88 81 % alarm is on
high temperature and humidity of: 62 74 % alarm is on
high temperature and humidity of: 39 95 % alarm is on
high temperature and humidity of: 65 97 % alarm is on
high temperature and humidity of: 90 69 % alarm is on
high temperature and humidity of: 89 83 % alarm is on
Normal temperature and humidity of: 25 30 % alarm is off
```