ASSIGNMENT-2

Date	25 September 2002
Student Name	Ms.L.Rabiya
Student Roll Number	821919104020
Maximium Marks	2Marks

Question-1

Build a python code, Asume you 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.

Solution:

```python
import random
from time import *
while(True):
    Temp = random.randint(0,1000)
    Humid = random.randint(0,1000)
    if Temp>500 and Humid<550:
        print("Temperature =",Temp,"Humidity =",Humid)
        print("Alert = 'Temperature goes high' & 'Humidity value decreases'")
        break
    else:
        print("Temperature =",Temp,"Humidity =",Humid)
        sleep(1);
```

Output:

```
Temperature= 928 Humidity = 754
Temperature= 3 Humidity = 635
Temperature= 567 Humidity = 362
Alert=Temperature goes high and Humidity Value decreases


** Process exited - Return Code: 0 **
Press Enter to exit terminal
```