ASSIGNMENT-2

Date	25 September 2002
Student Name	Priyadharshini.D
Student Roll Number	821919104018
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*
gate=True and False
while(gate==False):
    Temperature=random.randint(0,500)
    Humidity=random.randint(0,500)
    if Temperature>20 and Humidity<70:
        print("Temperature=",Temperature,"Humidity=",Humidity)
        print("Alarm Switch On")
        gate=True
```

Output:

```
Temperature= 375 Humidity= 66
Alarm Switch On
```