# ASSIGNMENT II

**Name :** Durga Sree S

**Reg Number :** 810019205031

**Assignment :** 2

**Question :**

Build a python code, Assume a 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.

**CODE:**

```python
import random

for i in range(10):

    temp = random.randint(0,100)

    humidity = random.randint(0,100)

    if(temp > 70 and humidity >50):

        print("Temperature is = ", temp)

        print("Humidity is = ", humidity)

        print("Temperature and Humidity is High")

        print("Alaram is on")

        print("\n")

    else:

        print("Temperature is = ", temp)

        print("Humidity is = ", humidity)

        print("Temperature and Humidity is Low")

        print("Alaram is off")

        print("\n")
```

```
Temperature is =   97
Humidity is =   16
Temperature and Humidity is Low
Alaram is off


Temperature is =   89
Humidity is =   97
Temperature and Humidity is High
Alaram is on


Temperature is =   12
Humidity is =   17
Temperature and Humidity is Low
Alaram is off


Temperature is =   35
Humidity is =   11
Temperature and Humidity is Low
Alaram is off


Temperature is =   85
```