

## ASSIGNMENT 2

### Team Members:

1. Aravind KM
2. Aswath Nathan B
3. Gideon A
4. Chandrasekhar MP

### Question:

Build a python code, assume you get a temperature and humidity value using random function and write a condition to continuously detect alarm in case of high temperature.

### Program:

```
import random
while True:
    curr_temp = random.uniform(10,100)
    high_temp = 37
    humidity = random.randrange(10,100)
    print("Humidity =",humidity,"%",sep="")
    print("Temperature =",curr_temp,"°C",sep="")
    if (curr_temp > high_temp):
        print("Sound Alarm")
        print("current temperature is higher")
    break
```

## Program

```
import random
while True:
    curr_temp = random.uniform(10,100)
    high_temp = 37
    humidity = random.randrange(10,100)
    print("Humidity =",humidity,"%",sep='')
    print("Temperature =",curr_temp,"°C",sep='')
    if (curr_temp > high_temp):
        print("Sound Alarm")
        print("current temperature is higher")
        break
```

## Output:

```
*F1
Humidity =91%
Temperature =81.75764997286937°C
Sound Alarm
current temperature is higher
>>> |
```