

## Assignment -2

### Python Programming

Assignment Date	23 September 2022
Student Name	S.Nithyakalyani
Student Roll Number	913119106073
Maximum Marks	2 Marks

#### Question-1:

Build a python code, Assume u 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:

```
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>35 and b>68):
        print("high temprature and humidity of: ",a,b,"x","alarm is on")
    elif(a<35 and b<60):
        print("normal temprature and humidity of ",a,b,"%","alarm is off")
    break
```

```
1 import random
2 while(True):
3     a=random.randint(10,99)
4     b=random.randint(10,99)
5     if(a>35 and b>68):
6         print("high temprature and humidity of:",a,b,"x","alarm is on")
7     elif(a<35 and b<60):
8         print("normal temprature and humidity of :",a,b,"%","alarm is off")
9     break
```

```
normal temprature and humidity of: 22 69 % alarm is off
...Program finished with exit code 0
Press ENTER to exit console.
```



