IBM ASSIGNMENT – 2

Python Programming

Assignment Date	23 -09- 2022
Student Name	GAYATHRI S
Student Roll Number	710019106012

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.

```
import random
t=random.randint(25,100)
if t>30:
    print(t, 'high temperature detected')
    print('buzzer on, alarm sound is high')
elif t==30:
    print(t, 'temperature reached maximum')
else:
    print(t, 'temperature is good')
h=random.randint(40, 100)
if h>65:
    print (h, 'high humidity is detected')
```

```
    print('buzzer on, alarm sound is high')
elif h==65:
    print (h,'humidity reached maximum')
else:
    print (h, 'humidity is good')
```

OUTPUT