ASSIGNMENT 2

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.

PROGRAM:

```
 import random
while(True):
   a=random.randint(10,99)
   b=random.randint(10,99)
   if(a>35 and b>60):
      print("High temperature and humidity of:",a,"%",b,"% is sensed.","\n Alarm is on")
   elif(a<35 and b<60):
      print("Normal temperature and humidity of:",a,"%",b,"% is sensed","\n Alarm is off")
      break
```

OUTPUT:

High temperature and humidity of: 85 % 69 % is sensed.

Alarm is on

High temperature and humidity of: 98 % 80 % is sensed.

Alarm is on

High temperature and humidity of: 72 % 75 % is sensed.

Alarm is on

Normal temperature and humidity of: 24 % 24 % is sensed

Alarm is off