

## 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,"%","alarm is on")

    elif(a<35 and b<60):

        print("Normal temperature ad humidity of:",a,b,"%","alarm is off")

    break
```

## OUTPUT:

7 IoT.py - C:/Python33/IOT.py

```
File
import
while

Python Shell
File Edit Shell Debug Options Windows Help
Python 3.3.0 (v3.3.0:bd8afb90ebf2, Sep 29 2012, 10:55:48) [MSC v.1600 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> ===== RESTART =====
>>>
high temperature and humidity of: 66 97 % alarm is on
Normal temperature ad humidity of: 11 11 % alarm is off
>>> |
```