

## 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

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```
import random
while(True):
    a=random.random()
    b=random.random()
    if(a>35 and b>35):
        print("High temperature and humidity")
    elif(a<35 and b<35):
        print("Normal temperature and humidity")
    else:
        print("High temperature and humidity")
```

7% Python Shell

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Python 3.3.0 (v3.3.0:bd8afb90ebf2, Sep 29 2012, 10:55:48) [MSC v.1600  
tel)] on win32

Type "copyright", "credits" or "license()" for more information.

>>> ===== RESTART =====

>>>

high temperature and humidity of: 47 73 % alarm is on

high temperature and humidity of: 36 71 % alarm is on

high temperature and humidity of: 80 86 % alarm is on

high temperature and humidity of: 56 94 % alarm is on

Normal temperature ad humidity of: 18 47 % alarm is off

>>>



Search

