

Python code:

```
import random
while True:

    a=random.randint(1,99)
    b=random.randint(1,99)
    if(a>34 and b>60):
        print("high temperature and
humidity of:",a,b,"%","alarm is on")
    elif(a<34 and b<60):
        print("Low temperature and
humidity of:",a,b,"%","alarm is off")

    break
```

```
Python 3.7.0 Shell
File Edit Shell Debug Options Window Help
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:\Users\Nalla pulla\AppData\Local\Programs\Python\Python37\python tem
pp.py
high temperature and humidity of: 94 60 % alarm is on
high temperature and humidity of: 73 56 % alarm is on
high temperature and humidity of: 81 70 % alarm is on
high temperature and humidity of: 46 78 % alarm is on
high temperature and humidity of: 36 71 % alarm is on
Low temperature and humidity of: 28 24 % alarm is off
>>>
```

Ln: 11 Col: 4

```
python temp.py - C:\Users\Nalla pulla\AppData\Local\Programs\Python\Python37\python ...
File Edit Format Run Options Window Help
import random
while True:

    a=random.randint(1,99)
    b=random.randint(1,99)
    if(a>34 and b>40):
        print("high temperature and humidity of:",a,b,"%","alarm is on")
    elif(a<34 and b<40):
        print("Low temperature and humidity of:",a,b,"%","alarm is off")

    break

|
```

Ln: 13 Col: 0