

ASSIGNMENT 2:

```
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
```

OUTPUT:

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 temp.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

>>>
