

## ASSISGNMENT - 2

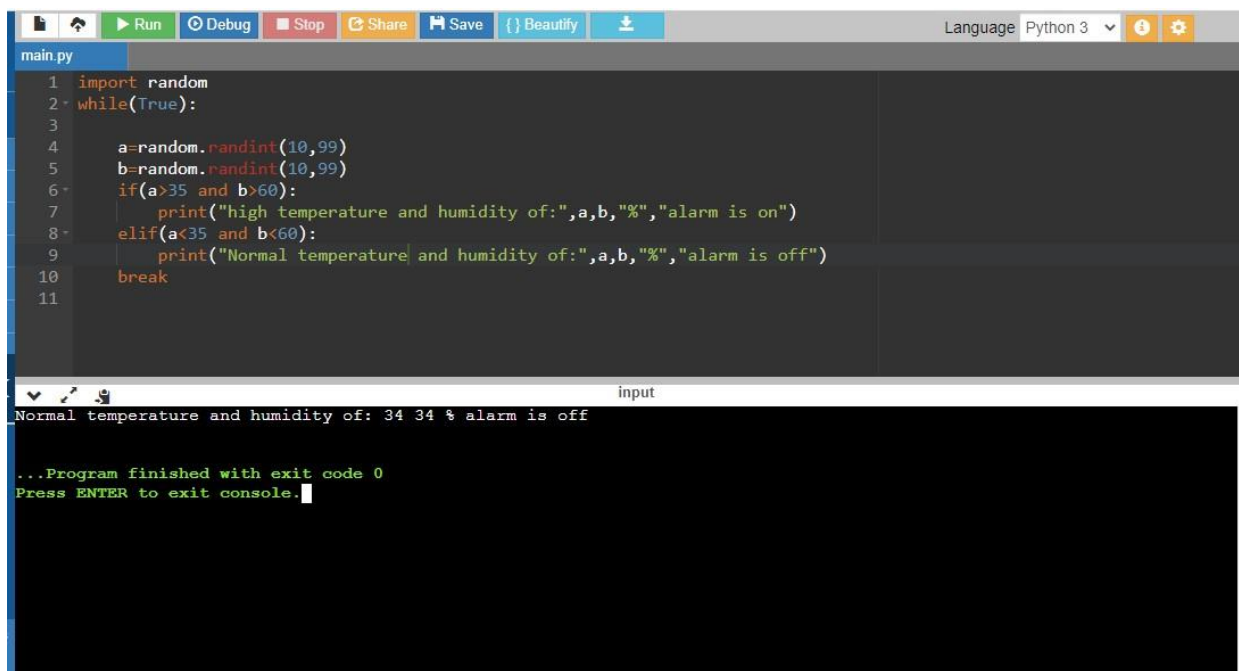
Build a python code , Assume you get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature

### 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,"%","alarm is on")
    elif(a<35 and b<60):
        print("Normal temperature and humidity of:",a,b,"%","alarm is off")
    break
```

### OUTPUT:

A screenshot of a Python IDE interface. The top toolbar includes buttons for Run, Debug, Stop, Share, Save, Beautify, and a download icon. The language is set to Python 3. The editor shows a file named 'main.py' with the following code:

```
1 import random
2 while(True):
3
4     a=random.randint(10,99)
5     b=random.randint(10,99)
6     if(a>35 and b>60):
7         print("high temperature and humidity of:",a,b,"%","alarm is on")
8     elif(a<35 and b<60):
9         print("Normal temperature and humidity of:",a,b,"%","alarm is off")
10    break
11
```

The output console at the bottom shows the message: 'Normal temperature and humidity of: 34 34 % alarm is off'. Below this, it says '...Program finished with exit code 0' and 'Press ENTER to exit console.'.