

Assignment-2

CODE:

```
import random

while(True):

    a=random.randint(10,99)

    b=random.randint(10,99)

    if(a>30 and b>50):

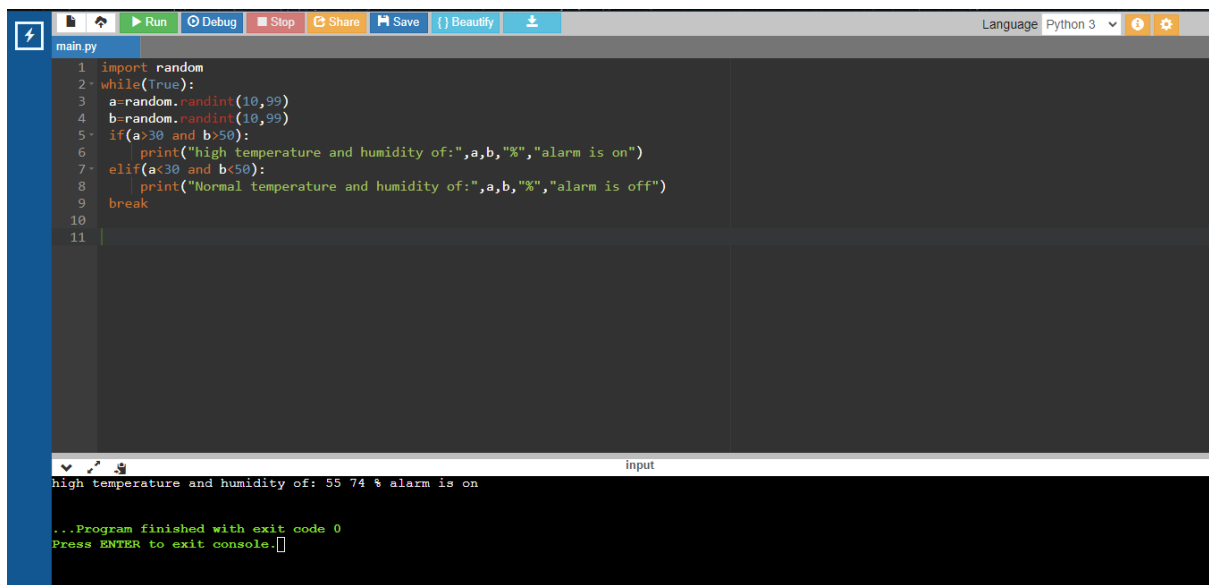
        print("high temperature and humidity of:",a,b,"%","alarm
is on")

    elif(a<30 and b<50):

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

    break
```

OUTPUT:

A screenshot of a Python IDE interface. The top toolbar includes icons for file operations, running, debugging, and saving. The main editor window shows a Python script named 'main.py' with the following code:

```
1 import random
2 while(True):
3     a=random.randint(10,99)
4     b=random.randint(10,99)
5     if(a>30 and b>50):
6         print("high temperature and humidity of:",a,b,"%","alarm is on")
7     elif(a<30 and b<50):
8         print("Normal temperature and humidity of:",a,b,"%","alarm is off")
9     break
10
11
```

 The bottom console window shows the output:

```
high temperature and humidity of: 55 74 % alarm is on

...Program finished with exit code 0
Press ENTER to exit console.
```