Assignment -2

Name: Harini gayathri S

TOPIC: Assignment on temperature and humidity sensing and alarm automation using python

CODE:

```python
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
```
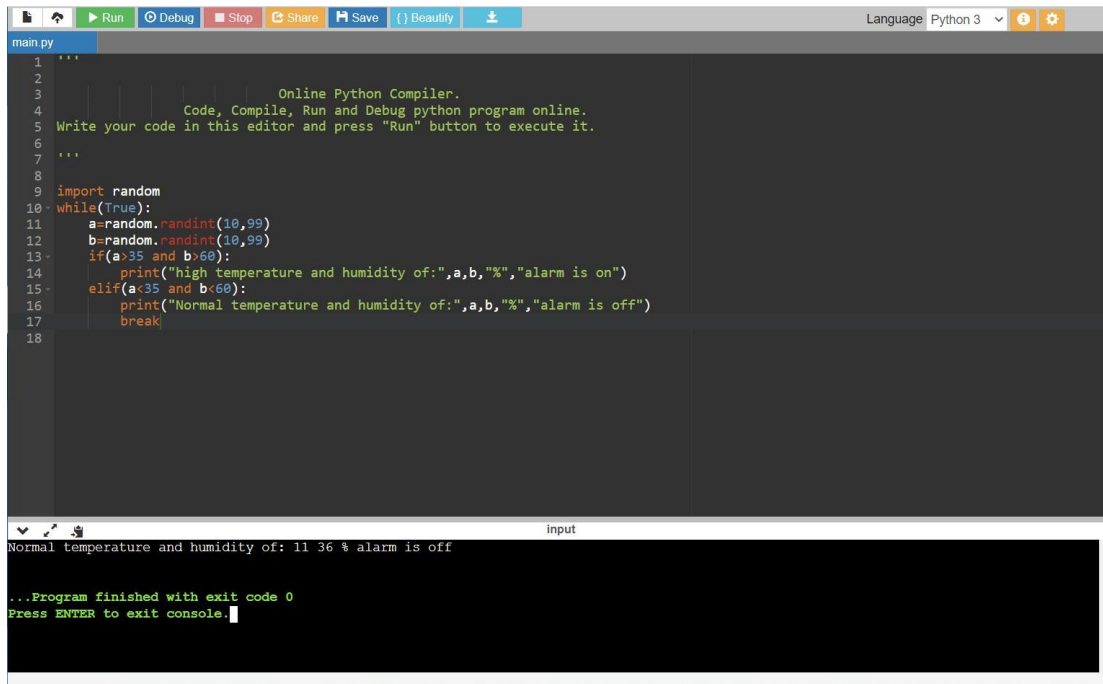
OUTPUT

main.py

```
'''

                        Online Python Compiler.
                Code, Compile, Run and Debug python program online.
Write your code in this editor and press "Run" button to execute it.

'''

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
```

input

```
Normal temperature and humidity of: 11 36 % alarm is off


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