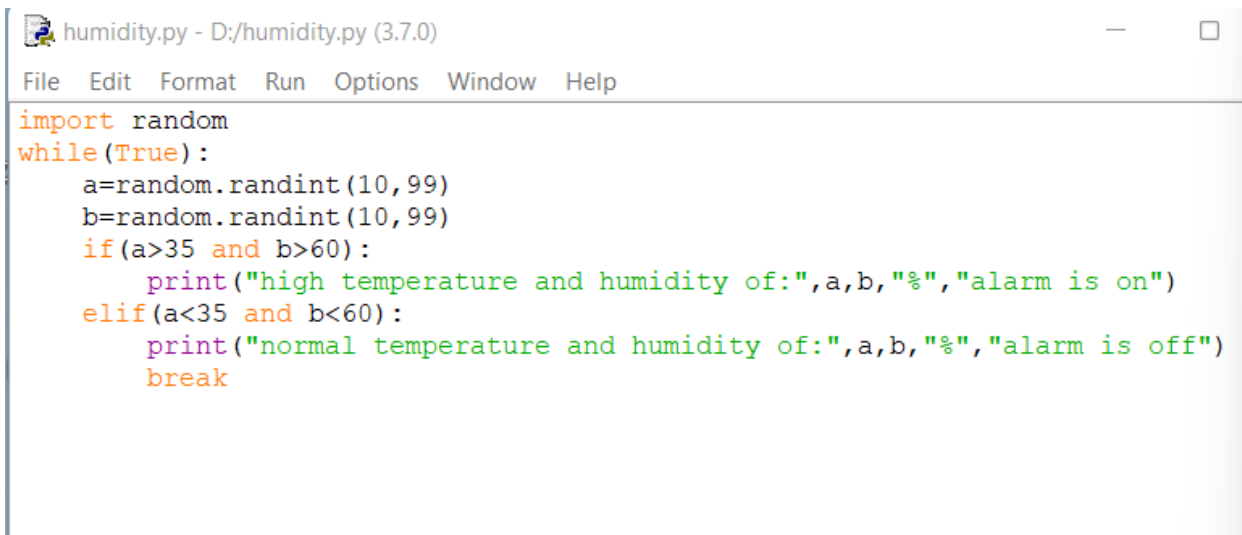


ASSIGNMENT - 2

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
```



```
humidity.py - D:/humidity.py (3.7.0)
File Edit Format Run Options Window Help
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 :

```
'''  
===== RESTART: D:/humidity.py =====  
high temperature and humidity of: 90 83 % alarm is on  
high temperature and humidity of: 92 95 % alarm is on  
high temperature and humidity of: 61 87 % alarm is on  
high temperature and humidity of: 86 80 % alarm is on  
high temperature and humidity of: 74 85 % alarm is on  
high temperature and humidity of: 58 67 % alarm is on  
high temperature and humidity of: 47 67 % alarm is on  
high temperature and humidity of: 69 99 % alarm is on  
normal temperature and humidity of: 26 11 % alarm is off  
>>>  
===== RESTART: D:/humidity.py =====  
high temperature and humidity of: 88 75 % alarm is on  
high temperature and humidity of: 88 74 % alarm is on  
high temperature and humidity of: 86 70 % alarm is on  
normal temperature and humidity of: 32 28 % alarm is off  
>>>
```