SRI SAIRAM ENGINEERING COLLEGE

CHENNAI-44

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IBM – NALAIYA THIRAN

ASSIGNMENT - 2

TEAM LEADER : S.PADHMASHREE

TEAM MEMBERS : JYOTI PAL

HEMALATHA.G

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ASSIGNMENT : Bulid a python code, assume you get temperature and humidity values and write a condition to continously detect alarm in case of high temperature.

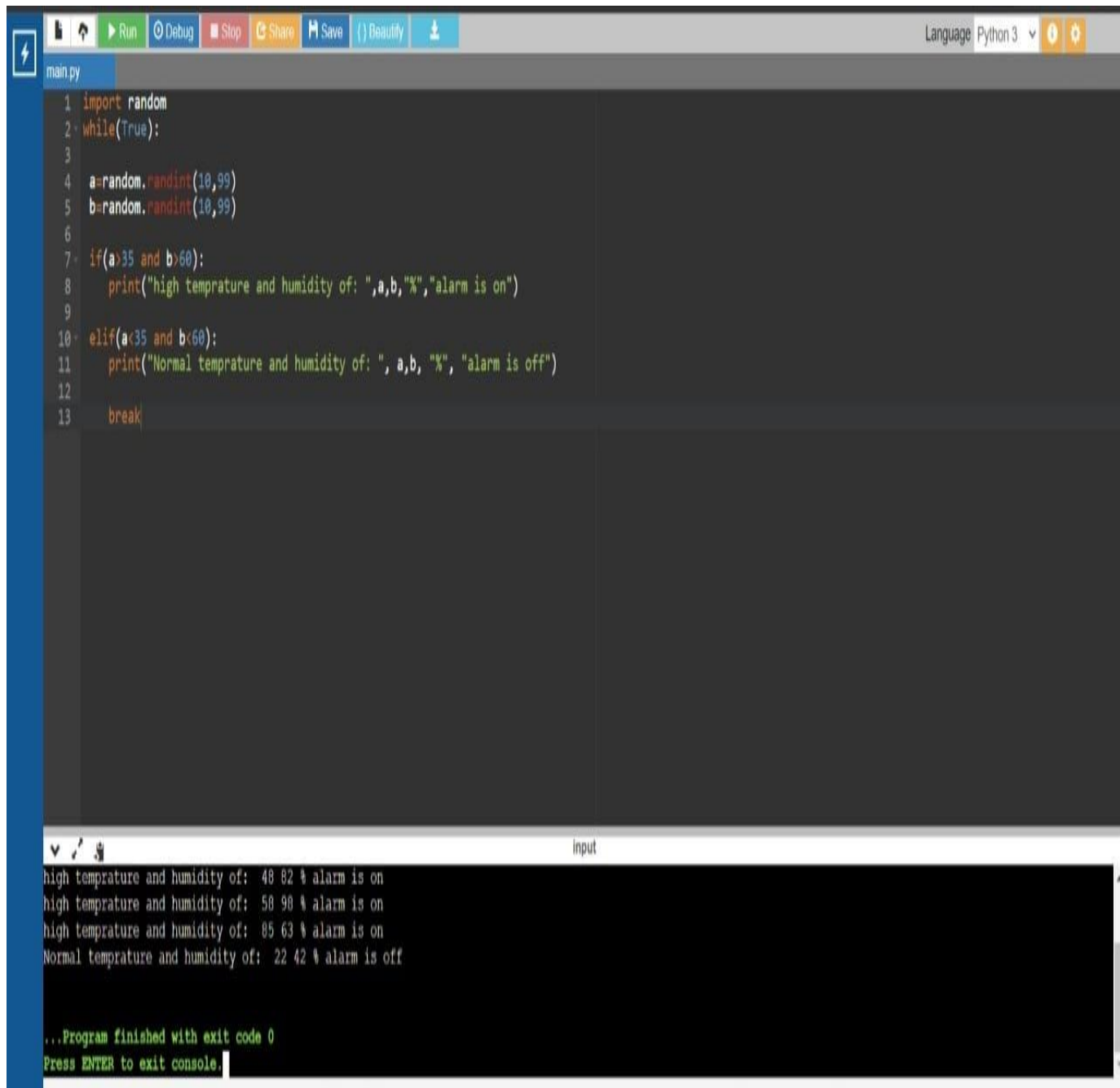**PROGRAM :**

```
Import random
while(True):
a=random.randint(18,99)
b=random.randint(18,99)
if(a > 35 and b < 68):
print("high temprature and humidity of: ",a,b,"%","alarm is on")
elif(a < 35, and b < 60):
print("Normal temprature and humidity of: ", a,b, "%", "alarm is off")
break
```

```
1  import random
2  while(True):
3
4    a=random.randint(10,99)
5    b=random.randint(10,99)
6
7    if(a>35 and b>60):
8        print("high temprature and humidity of: ",a,b,"%","alarm is on")
9
10   elif(a<35 and b<60):
11       print("Normal temprature and humidity of: ", a,b, "%", "alarm is off")
12
13       break
```

input

```
high temprature and humidity of:  48 82 % alarm is on
high temprature and humidity of:  58 90 % alarm is on
high temprature and humidity of:  85 63 % alarm is on
Normal temprature and humidity of:  22 42 % alarm is off


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