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<b>Title</b>	<b>Smart waste management for metropolitan cities</b>
<b>Topic</b>	<b>Assignment on temperature and humidity sensing and alarm automation using python</b>
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# Assignment on temperature and humidity sensing and alarm automation using python

## Code:

```
import random

i=1

while(True):

a=random.randint(10,100)

b=random.randint(10,100)

if(a>35 and b<65):

    print("HIGH TEMPERATURE AND HUMIDITY OF:",a,b,"%","ALARM IS ON")

elif(a<35 and b>65):

    print("NORMAL TEMPERATURE AND HUMIDITY OF:",a,b,"%","ALARM IS OFF")

if(i<10):

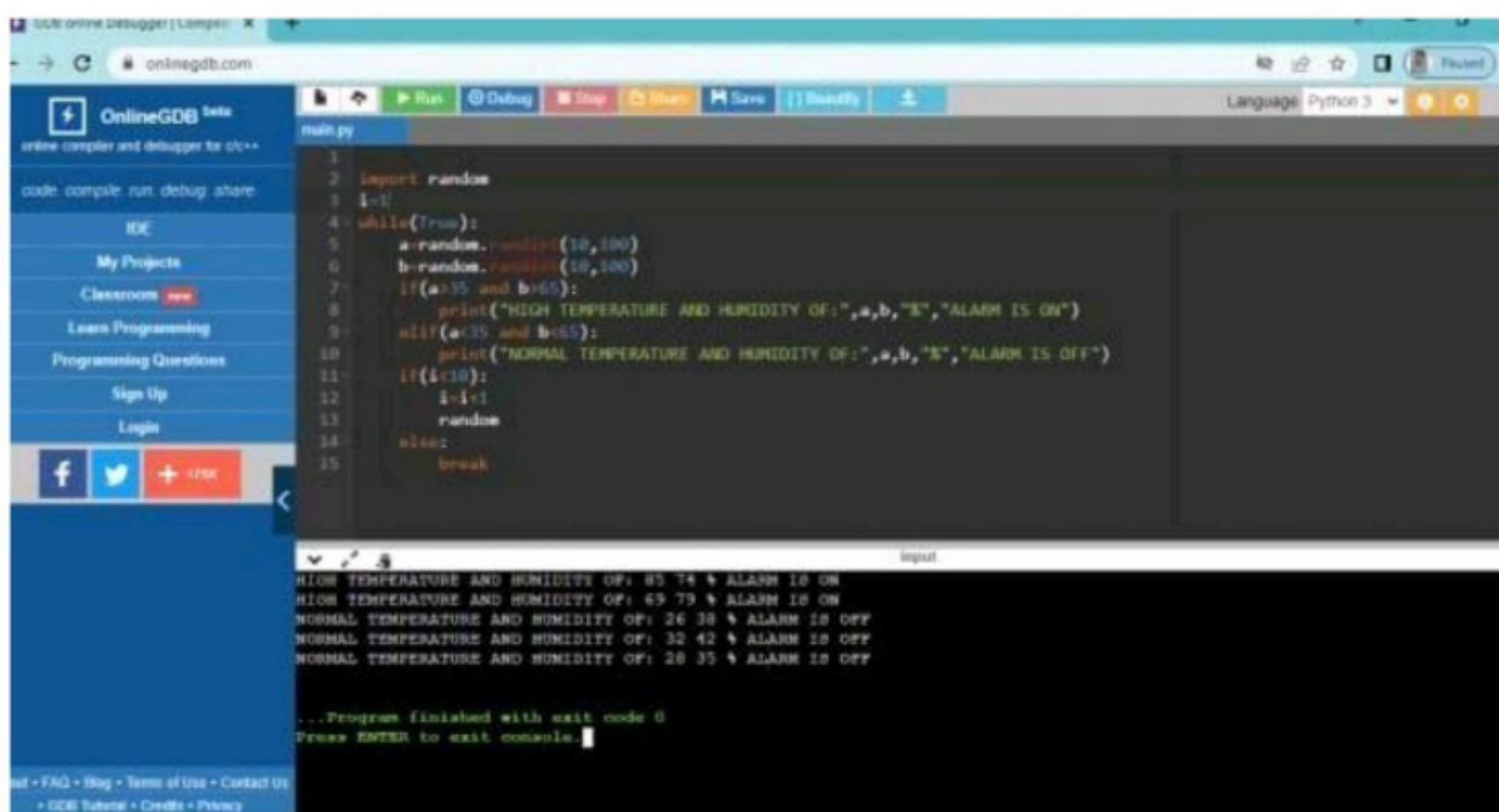
    i=i+1

    random

else:

    break
```

## Output:

The screenshot shows a web-based Python IDE interface. On the left is a sidebar with navigation links like 'OnlineGDB', 'My Projects', 'Classroom', 'Learn Programming', 'Programming Questions', 'Sign Up', and 'Login'. The main area is divided into a code editor and a console. The code editor contains the Python script from the previous block, with line numbers 1 through 15. The console at the bottom shows the output of the program, which has been executed multiple times, displaying messages like 'HIGH TEMPERATURE AND HUMIDITY OF: 85 74 % ALARM IS ON' and 'NORMAL TEMPERATURE AND HUMIDITY OF: 26 38 % ALARM IS OFF'. The program ends with the message '...Program finished with exit code 0' and a prompt to press ENTER to exit the console.



