

IBM-NALAYATHIRAN

DOMAIN-IOT

ASSIGNMENT 2- TEMPERATURE AND HUMIDITY  
SENSING AND ALARM AUTOMATION USING  
PYTHON

BY

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## CODE:

```
import random

while(True):

    a=random.randint(10,99)

    b=random.randint(10,99)

    if(a>35 and b>60):

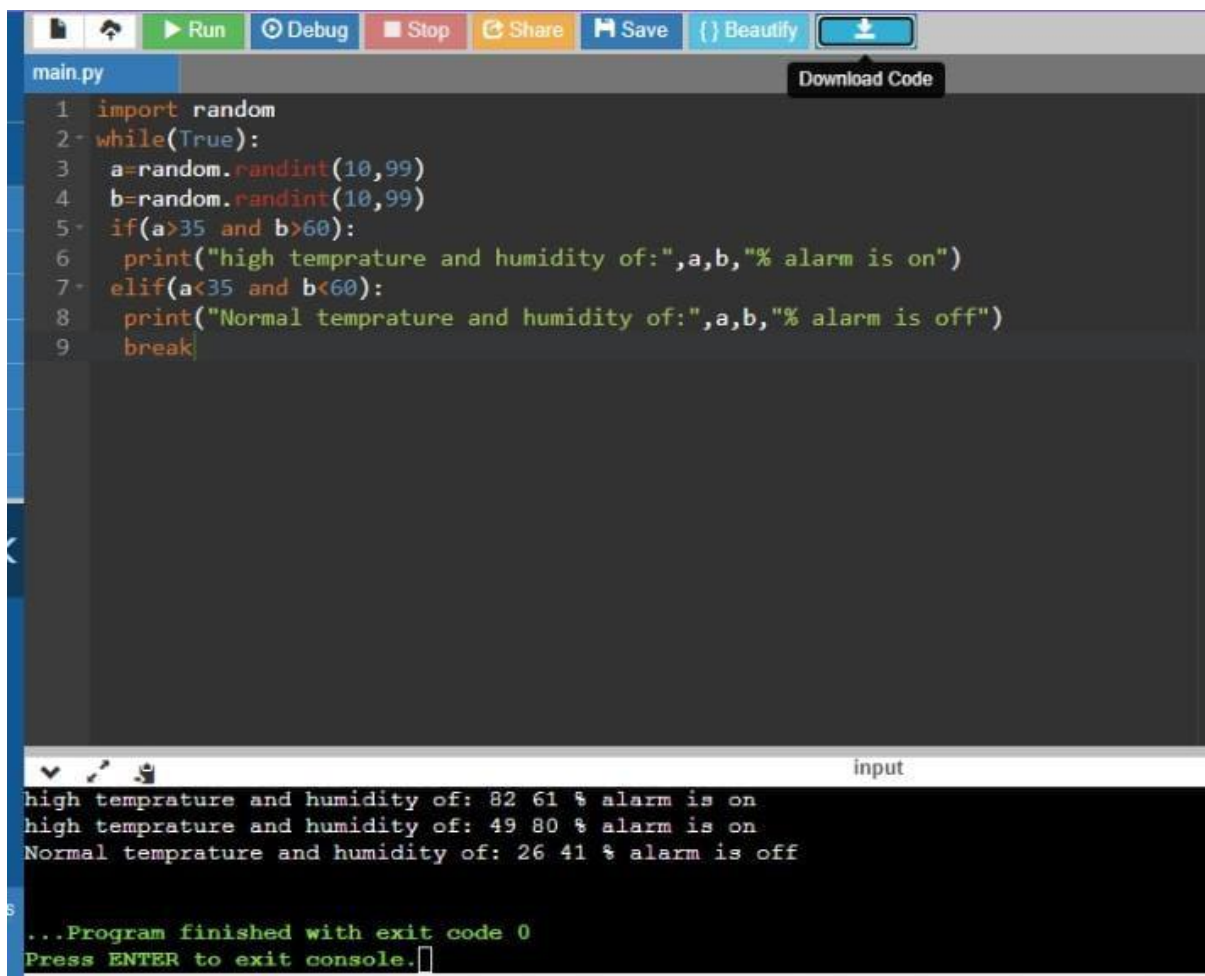
        print("high temprature and humidity of:",a,b,"% alarm is on")

    elif(a<35 and b<60):

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

    break
```

## OUTPUT:



The screenshot shows a code editor with a toolbar at the top containing buttons for Run, Debug, Stop, Share, Save, Beautify, and Download Code. The code editor displays the same Python code as shown in the previous block. Below the code editor is a console window with the following output:

```
high temprature and humidity of: 82 61 % alarm is on
high temprature and humidity of: 49 80 % alarm is on
Normal temprature and humidity of: 26 41 % alarm is off

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