

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):

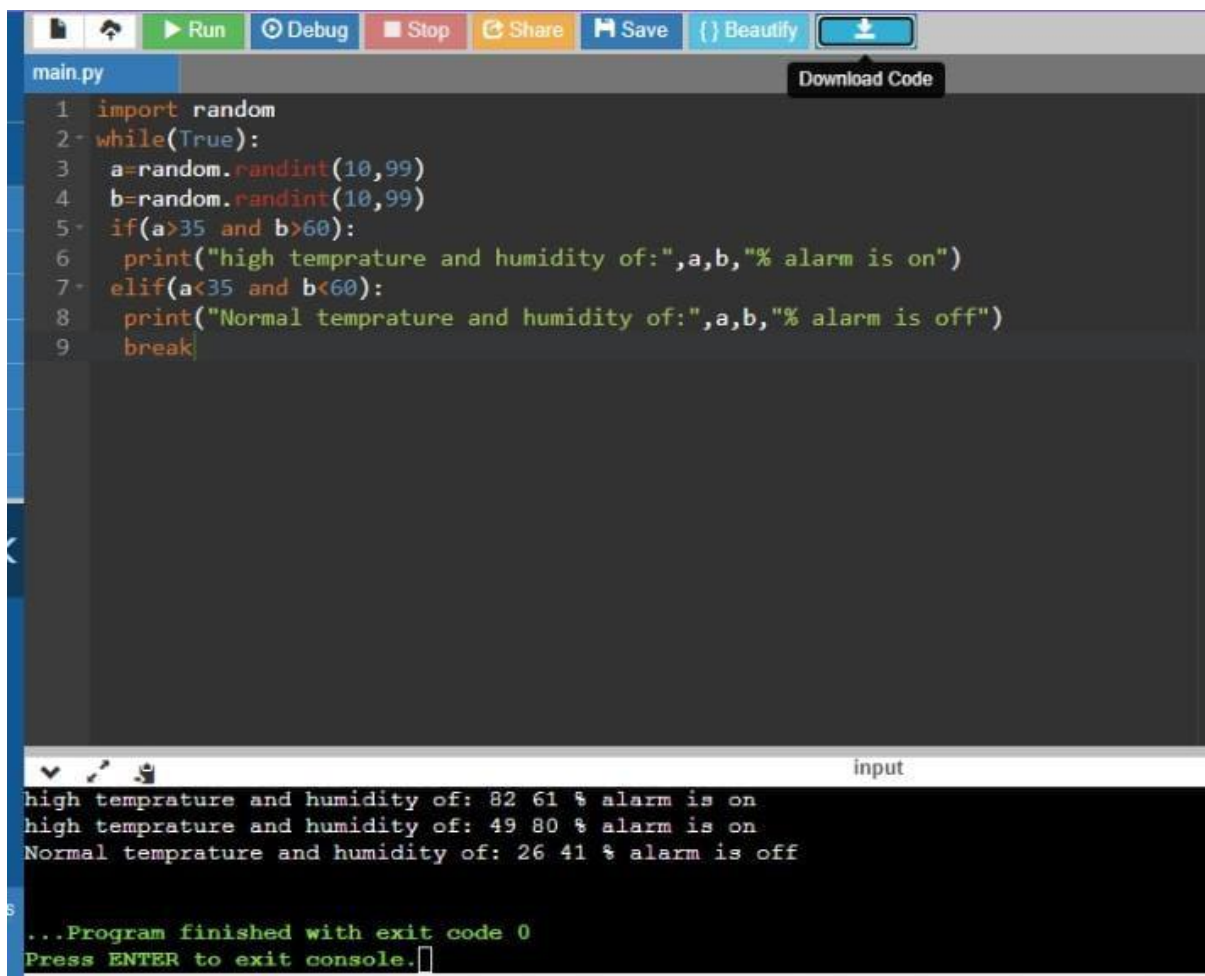
        print("high temprature and humidity of:",a,b,"% alarm is on")

    elif(a<35 and b<60):

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

    break
```

OUTPUT:

A screenshot of a code editor interface. The top toolbar includes buttons for Run, Debug, Stop, Share, Save, Beautify, and Download Code. The code editor shows the same Python code as 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.
```