

Date	22 September 2022
Team ID	PNT2022TMID07810
Project Name	Project Name IoT Based Gadget child safety monitoring and notification
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Assignment -2

Build a python code, Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature

PROGRAM:

Import random

While(True):

A=random.randint(10,99)

B=random.randint(10,99)

If(a>35 and b>60):

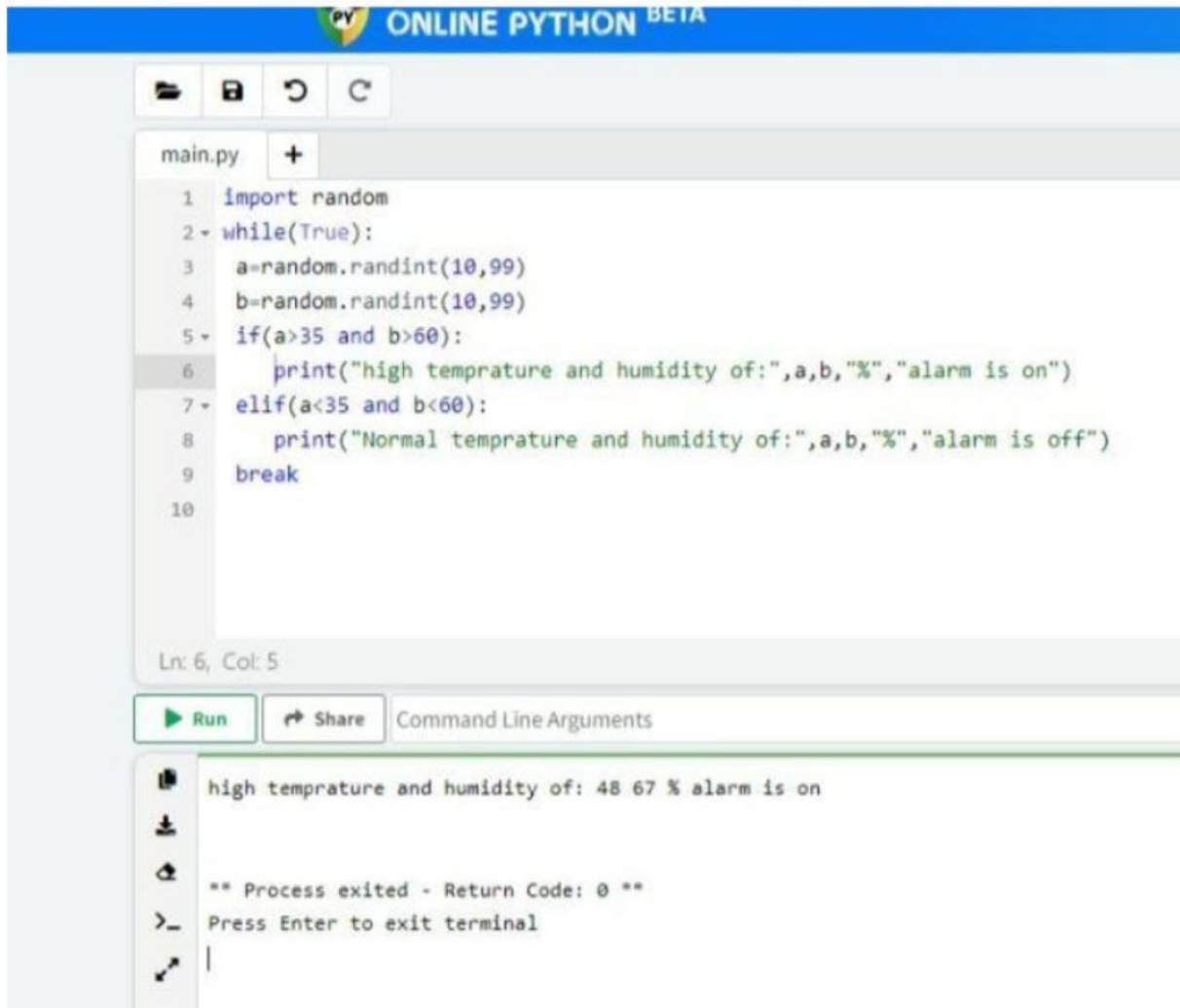
Print("high temprature and humidity of: ",a,b,"%", "alarm is on")

Elif(a<35 and b<60):

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

Break

Output:



The screenshot shows an online Python IDE interface. At the top, there is a blue header with the text "ONLINE PYTHON BETA" and a small Python logo. Below the header, there is a toolbar with icons for file operations (new, open, save, undo, redo). The main area displays a Python script in a file named "main.py". The script is as follows:

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

Below the code editor, there is a status bar indicating "Ln: 6, Col: 5". To the right of the code editor, there are buttons for "Run" (a green play icon) and "Share" (a share icon), followed by a text input field for "Command Line Arguments". Below these buttons is a terminal window showing the output of the script:

```
high temprature and humidity of: 48 67 % alarm is on

** Process exited - Return Code: 0 **
Press Enter to exit terminal
|
```