

Assignment 2

python code :

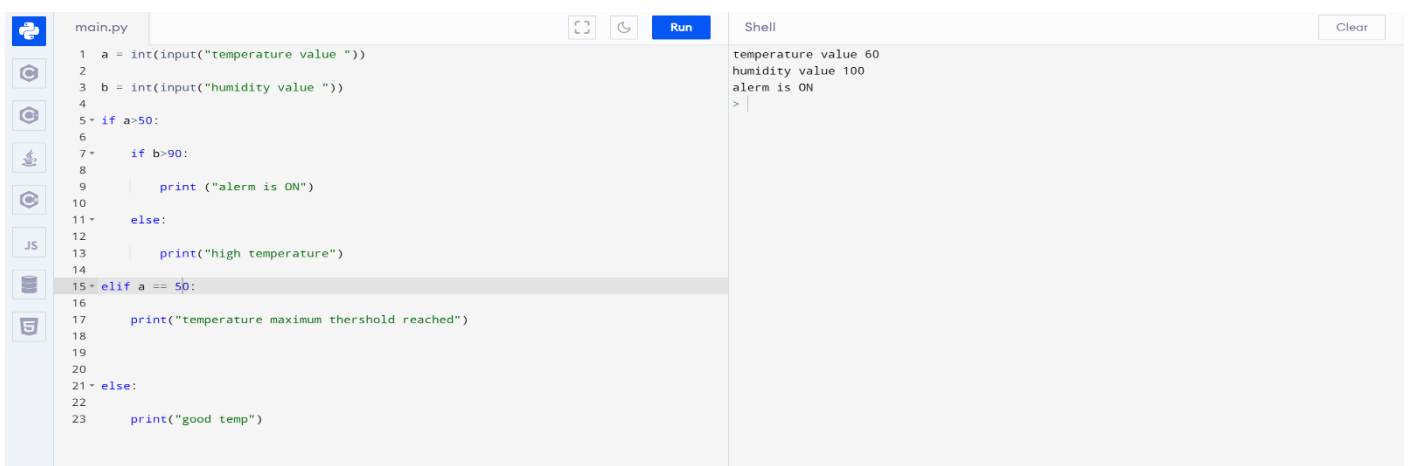
```
a = int(input("temperature value"))
b = int(input("humidity value"))

if a>50:
    if b>90:
        print ("alarm is ON")
    else:
        print("high temperature")

elif a == 50:
    print("temperature maximum threshold reached")

else:
    print("good temp")
```

Output:



The screenshot shows a Python IDE interface. On the left, a sidebar contains icons for file explorer, search, and other tools. The main editor area displays a file named 'main.py' with the following Python code:

```
1 a = int(input("temperature value "))
2
3 b = int(input("humidity value "))
4
5 if a>50:
6     if b>90:
7         print ("alarm is ON")
8     else:
9         print("high temperature")
10
11 elif a == 50:
12     print("temperature maximum thershold reached")
13
14 else:
15     print("good temp")
```

On the right side, there is a 'Shell' window showing the output of the program. The output is:

```
temperature value 60
humidity value 100
alarm is ON
>
```

The 'Run' button is visible above the Shell window, and a 'Clear' button is located at the top right of the Shell window.