

IBM ASSIGNMENT 2

ASSIGNMENT DATE	26 September 2022
STUDENT NAME	P.KAVITHA
STUDENT ROLLNO	510119104012
MAXIMUM MARK	2 MARKS

QUESTION:

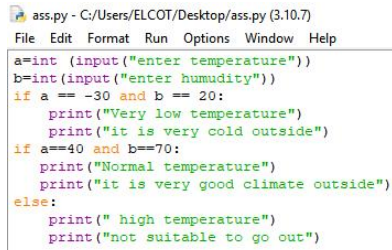
Built a python code, Assume u get temperature and humidity values with random function to a variable and write a condition to continuously detect alarm in case of high temperature

Solution:(CODE)

```
a=int (input("enter temperature"))
b=int(input("enter humudity"))
if a == -30 and b == 20:
    print("Very low temperature")
    print("it is very cold outside")
if a==40 and b==70:
    print("Normal temperature")
    print("it is very good climate outside")
else:
    print(" high temperature")
    print("not suitable to go out")
```

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Code screenshot:

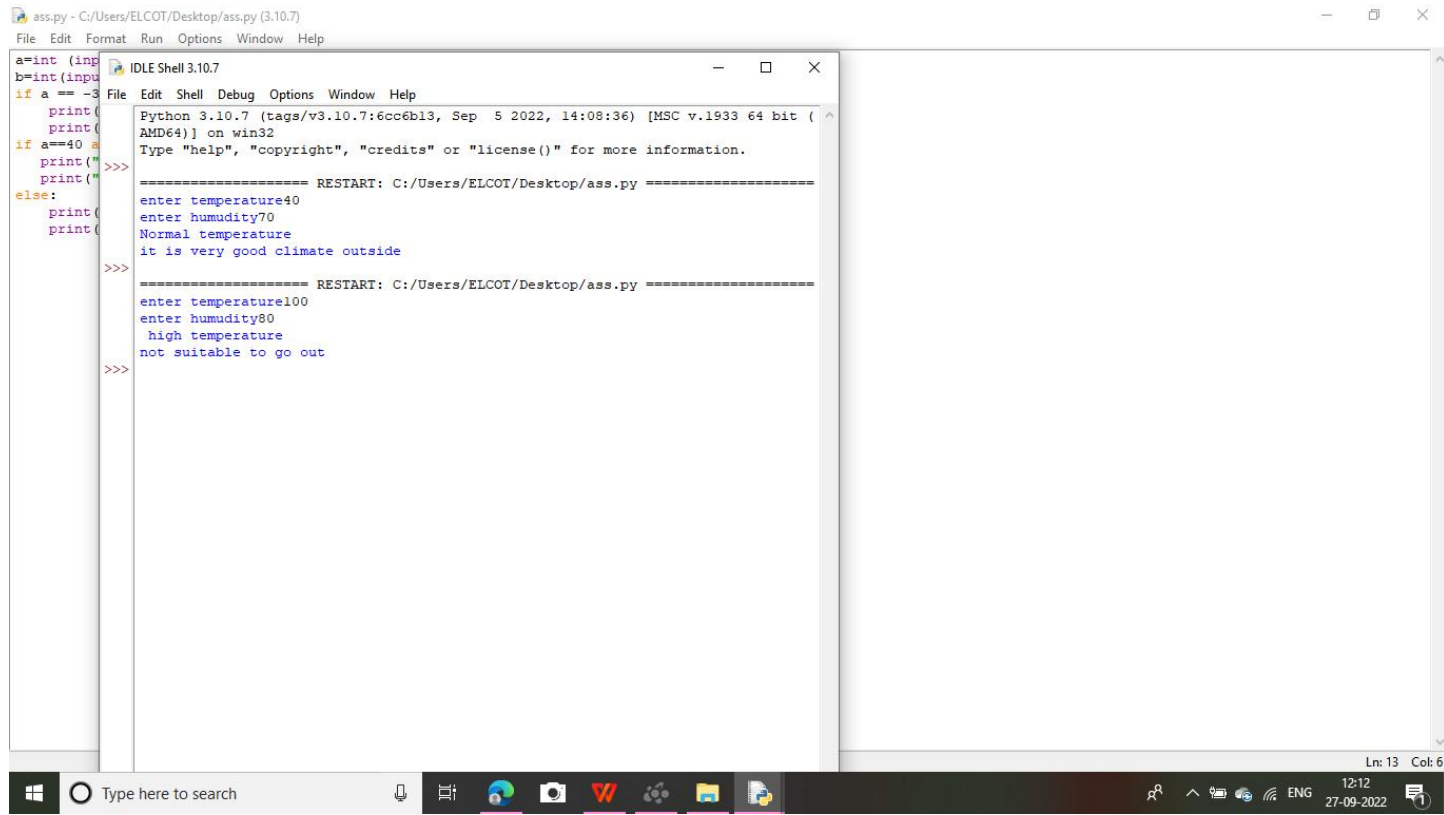


The screenshot shows a text editor window titled "ass.py - C:/Users/ELCOT/Desktop/ass.py (3.10.7)". The editor contains a Python script that takes temperature and humidity as input and prints a message based on the values. The script is as follows:

```
a=int(input("enter temperature"))
b=int(input("enter humidity"))
if a == -30 and b == 20:
    print("Very low temperature")
    print("it is very cold outside")
if a==40 and b==70:
    print("Normal temperature")
    print("it is very good climate outside")
else:
    print(" high temperature")
    print("not suitable to go out")
```

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Output:



The screenshot shows a Python IDE with a script editor on the left and a shell window on the right. The script in the editor is as follows:

```
a=int(input())
b=int(input())
if a == -3:
    print("Normal temperature")
    print("it is very good climate outside")
else:
    print("high temperature")
    print("not suitable to go out")
```

The shell window displays the output of the script for two different inputs. The first input is 40, and the second input is 100. The output for each input is as follows:

```
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

===== RESTART: C:/Users/ELCOT/Desktop/ass.py =====
enter temperature40
enter humidity70
Normal temperature
it is very good climate outside

===== RESTART: C:/Users/ELCOT/Desktop/ass.py =====
enter temperature100
enter humidity80
high temperature
not suitable to go out
```

The taskbar at the bottom shows the Windows logo, a search bar, and several application icons. The system tray on the right shows the date and time as 12:12 on 27-09-2022.