

## Assignment -2

### Python Programming

Assignment Date	27 September 2022
Student Name	D Komala
Student Roll Number	510119205007
Maximum Marks	2 Marks

### Question-1:

Build a python code, Assume u get temperature and humidity values and write a condition to continuously detect alarm in case of high temperature.

### Solution:

```
x=int(input("Enter the temperature"))
y=int(input("Enter the humidity"))
if x<40 and y<55:
    print("Normal temperature")
    print("No alarm is required at this moment")
if x == 45 and y == 60:
    print("Low temperature")
    print("Chillness is present in the air")
else :
    print("High temperature")
    print("Alarm notification is needed and please be safe")
```

### output:

Enter the temperature25

Enter the humidity28

**Normal temperature**

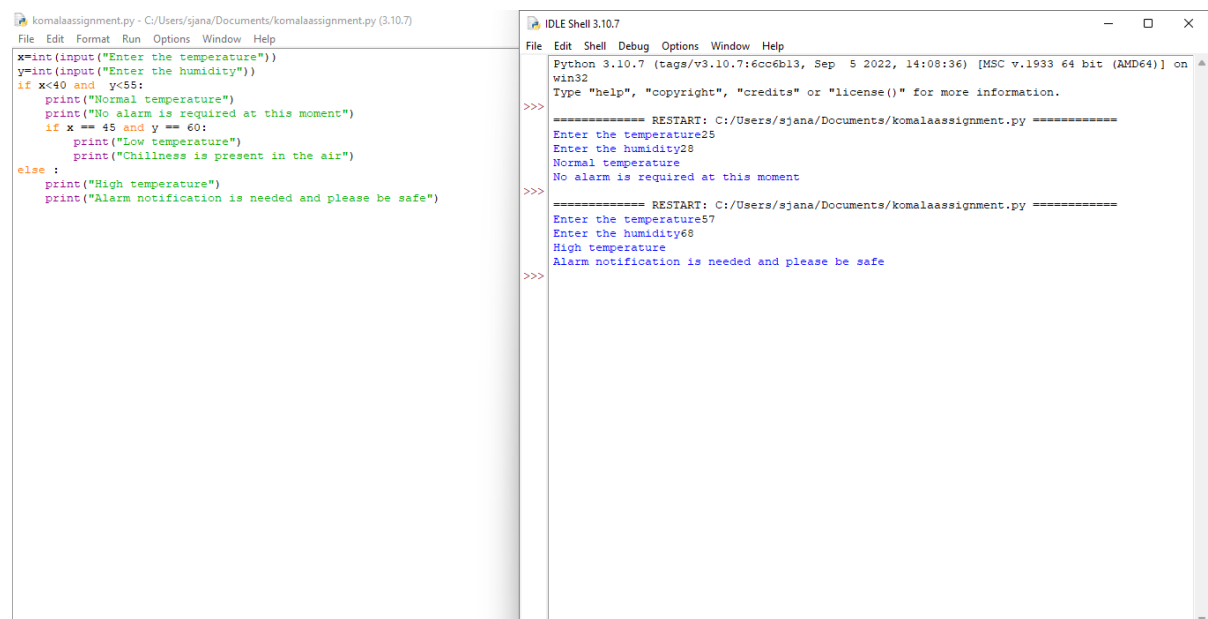
**No alarm is required at this moment**

**Enter the temperature57**

**Enter the humidity68**

**High temperature**

**Alarm notification is needed and please be safe**



The image shows a screenshot of a Python IDE with two windows. The left window displays the source code for a program named 'komalaassignment.py'. The code prompts the user to enter temperature and humidity, then uses conditional logic to print messages based on the input values. The right window shows the IDLE Shell, which displays the program's execution output, including the prompts, user inputs, and the resulting messages.

```
komalaassignment.py - C:/Users/sjana/Documents/komalaassignment.py (3.10.7)
File Edit Format Run Options Window Help
x=int(input("Enter the temperature"))
y=int(input("Enter the humidity"))
if x<40 and y<55:
    print("Normal temperature")
    print("No alarm is required at this moment")
    if x == 45 and y == 60:
        print("Low temperature")
        print("Chillness is present in the air")
else :
    print("High temperature")
    print("Alarm notification is needed and please be safe")

IDLE Shell 3.10.7
File Edit Shell Debug Options Window Help
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/sjana/Documents/komalaassignment.py =====
Enter the temperature25
Enter the humidity28
Normal temperature
No alarm is required at this moment
>>>
===== RESTART: C:/Users/sjana/Documents/komalaassignment.py =====
Enter the temperature57
Enter the humidity68
High temperature
Alarm notification is needed and please be safe
>>>
```