Python Training – Day 5

1. **Introduction to Lists**

- A list is a collection of multiple items stored in one variable.

- Lists are written using square brackets [] and items are separated by commas.

- Lists can store numbers, strings, or mixed data types.

2. **List Declaration and Input**

- Learned how to declare a list with fixed values.

3. **Use of Lists**

- Lists help to store and manage multiple values together.

- You can access elements using index numbers.

- Lists are useful in loops, calculations, and data storage.

4. **Assignments Done on Lists**

- **Assignment 1: Find Maximum and Minimum Value in List**

   - Create a list with fixed values.

   - Use max() and min() functions to find the highest and lowest values.

   - Display the results.

- **Assignment 2: Find Maximum and Minimum Using Loops by Inputting the Values in List**

   - Take input values from the user and store them in a list.

   - Use a loop to compare and find the maximum and minimum values manually.

   - Print the results.

5. **Finding Maximum and Minimum**

- Used Python built-in functions max() and min() for quick results.

- Also practiced writing custom logic using loops to compare each value manually.