Day-3 --Assignment Questions to solve in class (any 2)

1. List Operations

- Objective: Work with list methods and indexing.

  - Create a list of numbers.

  - Add a new number to the beginning of the list.

  - Remove the last number from the list.

  - Sort the list in ascending order.

  - Print the list after each operation.

2. Dictionary Manipulation

- Objective: Understand key-value pairs and dictionary methods.

  - create a dictionary to store student information (name, age, grade).

  - Add a new student to the dictionary.

  - Update the grade of an existing student.

3. Conditional Statements (if-else)

- Objective: Introduce basic control flow.

  - ask the user to input a number.

  - Check if the number is positive, negative, or zero.

  - Print an appropriate message for each case.

4. Loops (Optional, if time permits)

- Objective: Introduce basic loop concepts (simple introduction).

  Write a simple for loop to print the numbers from 1 to 5.