**Scenario-Based Questions on Lists**

Q1. Grocery Store System

You are building a grocery store app. You have a list of available items: items = ['milk', 'bread', 'butter', 'eggs', 'cheese', 'apple', 'banana']

- Ask the user to enter an item they want to buy.

- Check if the item is available.

- If yes, remove it from the list and show the updated list.

- If not, display a message: "Sorry, item not available."

Q2. Student Attendance Tracker

You are creating a simple attendance tracker.

students = ['Ali', 'Sara', 'Hina', 'Bilal', 'Ahmed']

- Ask the teacher to enter the name of a student who is absent.

- Remove that student from the list and print the list of present students. - Also, print the total number of present students.

Q3. Shopping Cart Total

You are designing an online shopping cart.

cart = [1200, 450, 890, 300, 1500]

- Print the total amount to be paid.

- Print the most expensive item.

- Remove the most expensive item and print the new total.

Q4. Social Media Friends List

You are building a simple social media app.

friends = ['Ali', 'Sara', 'Hina', 'Ahmed', 'Bilal', 'Zara']

- Ask the user to enter the name of a person to search.

- If the person is in the list, print "Friend found!".

- If not, ask if they want to add them. If yes, add them and print the updated list.

Q5. Library Book System

You are managing a small library system.

books = ['Python Basics', 'AI for Beginners', 'Data Science 101', 'Machine Learning Intro'] - Ask the user for a book title to borrow.

- If available, remove it from the list and show the remaining books.

- If not available, show a message "Book not available."

Q6. Temperature Analysis

You collected daily temperatures for a week:

temperatures = [32, 30, 35, 33, 31, 29, 34]

- Print the highest and lowest temperature.

- Sort the list and print it.

- Remove the highest and lowest temperature and print the average of the remaining days.

Q7. Movie Night Organizer

You’re organizing a movie night.

movies = ['Inception', 'Interstellar', 'Avengers', 'Joker', 'Titanic']

- Ask each friend to suggest a movie and add it to the list.

- After 3 suggestions, print the final watchlist.

- Print the total number of movies.

Q8. Marks Analysis System

You collected marks of students in a test:

marks = [78, 56, 89, 92, 67, 88, 76]

- Print how many students scored above 80.

- Print the average marks.

- Add two new marks to the list and print the updated average.