Slide 1: Introduction

This Python project is a graphical sorting game using Tkinter.

The user has to arrange random numbers in ascending order using drag and drop.

The sorting logic is based on Bubble Sort algorithm.

Slide 2: Login Page

The game starts with a login window.

User enters their name and clicks 'Start Game'.

If no name is entered, an error message is shown.

Slide 3: Game Window

The main game window shows the game title, buttons, and number labels.

Each number is draggable, allowing users to reorder them.

Players must sort numbers in ascending order.

Slide 4: Bubble Sort Logic

The game checks the order using a bubble sort function.

Bubble sort compares and swaps adjacent numbers to sort the array.

It is used to generate the correct sorted order for comparison.

Slide 5: Features

- Check Order: Validates if numbers are sorted.
- Reshuffle: Randomly shuffles numbers again.
- Auto Shuffle: Visually sorts numbers automatically.
- Min/Max: Increase or decrease number of items.

Slide 6: Scoring and Levels

Each level has a different number of items to sort.

Score is calculated based on time taken to solve.

The game has a maximum of 5 levels.

Slide 7: Draggable Labels

Each number is a draggable label using mouse events.

Click and drag functionality is built using Tkinter events.

Labels can be moved freely across the window.

Slide 8: Game Over

After completing 5 levels, the game ends.

Total score is displayed.

All interactive buttons are disabled at the end.