**TITLE:- Sorting Algorithm Visualizer**

An interactive, responsive web app that visually demonstrates how popular sorting algorithms work using animated bars. Built with HTML, CSS, JavaScript, and Bootstrap — perfect for students, educators, and DSA enthusiasts.

✨ Features:-

✨Visualizes:

- Bubble Sort

- Selection Sort

- Insertion Sort

- Merge Sort

- Quick Sort

* Array generation with random values
* Adjustable sorting speed
* Clean UI with Bootstrap 5
* Accessible and responsive design
* Technologies Used

- HTML5

- CSS3 + Bootstrap 5

- Vanilla JavaScript (No frameworks)