

Min & Max Finder

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What This Program Does

This HTML and JavaScript program helps you find the minimum (smallest) and maximum (largest) numbers from a comma-separated list you provide.

Key Web Development Terms Used

HTML Elements

- `<input>` - The text box where you type numbers
- `<button>` - The clickable Submit button
- `` - Containers that display the results
- `id` attribute - How JavaScript finds each element

JavaScript Concepts

- `document.getElementById()` - Finds HTML elements
- `addEventListener()` - Makes buttons respond to clicks
- `parseInt()` - Converts text to numbers
- `array.split()` - Breaks up comma-separated values
- `for` loop - Checks each number one by one

How It Works Step-by-Step

1. You type numbers in the `<input>` box
2. Clicking the `<button>` triggers the JavaScript:
 - Gets your input with `.value`
 - Splits it into an array with `.split(",")`
 - Converts each item to a number with `parseInt()`
3. The program then:
 - Compares all numbers using a `for` loop
 - Stores the smallest in `min`
 - Stores the largest in `max`
4. Finally, it displays the results in the `` elements