

Copilot

Sure! Here's a simple way to find the greatest number in an array without using any built-in functions in JavaScript. You can use a basic loop to iterate through the array and keep track of the largest number found so far.

Here's an example:

```
<!DOCTYPE html>
<html>
<head>
  <title>Find Greatest Number</title>
</head>
<body>
  <script>
    function findGreatestNumber(arr) {
      if (arr.length === 0) return null; // Handle empty array case

      let greatest = arr[0]; // Assume the first element is the greatest

      for (let i = 1; i < arr.length; i++) {
        if (arr[i] > greatest) {
          greatest = arr[i]; // Update greatest if current element is larger
        }
      }

      return greatest;
    }

    // Example usage:
    const numbers = [3, 5, 7, 2, 8, -1, 4, 10, 12];
    const greatestNumber = findGreatestNumber(numbers);
    console.log("The greatest number is: " + greatestNumber);
  </script>
</body>
</html>
```

In this code:

1. We define a function `findGreatestNumber` that takes an array as input.
2. We initialize the `greatest` variable with the first element of the array.
3. We loop through the array starting from the second element, updating `greatest` whenever we find a larger number.
4. Finally, we return the greatest number found.

Feel free to try it out and let me know if you have any questions!