**Return median of two sorted arrays of the same size anonymous function & IIFE**

**CODE:**

<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1.0" />

    <title>Document</title>

  </head>

  <body>

    <h1>

      Return median of two sorted arrays of the same size anonymous function &

      IIFE

    </h1>

    <script>

      // Define the two sorted arrays of the same size

      const array1 = [1, 3, 5, 7, 9];

      const array2 = [2, 4, 6, 8, 10];

      // IIFE to find and return the median of two sorted arrays

      const median = (function (arr1, arr2) {

        // Anonymous function to calculate the median

        const findMedianSortedArrays = (nums1, nums2) => {

          const mergedArray = [...nums1, ...nums2];

          mergedArray.sort((a, b) => a - b);

          const middle = Math.floor(mergedArray.length / 2);

          if (mergedArray.length % 2 === 0) {

            return (mergedArray[middle - 1] + mergedArray[middle]) / 2;

          } else {

            return mergedArray[middle];

          }

        };

        // Call the anonymous function and return the result

        return findMedianSortedArrays(arr1, arr2);

      })(array1, array2);

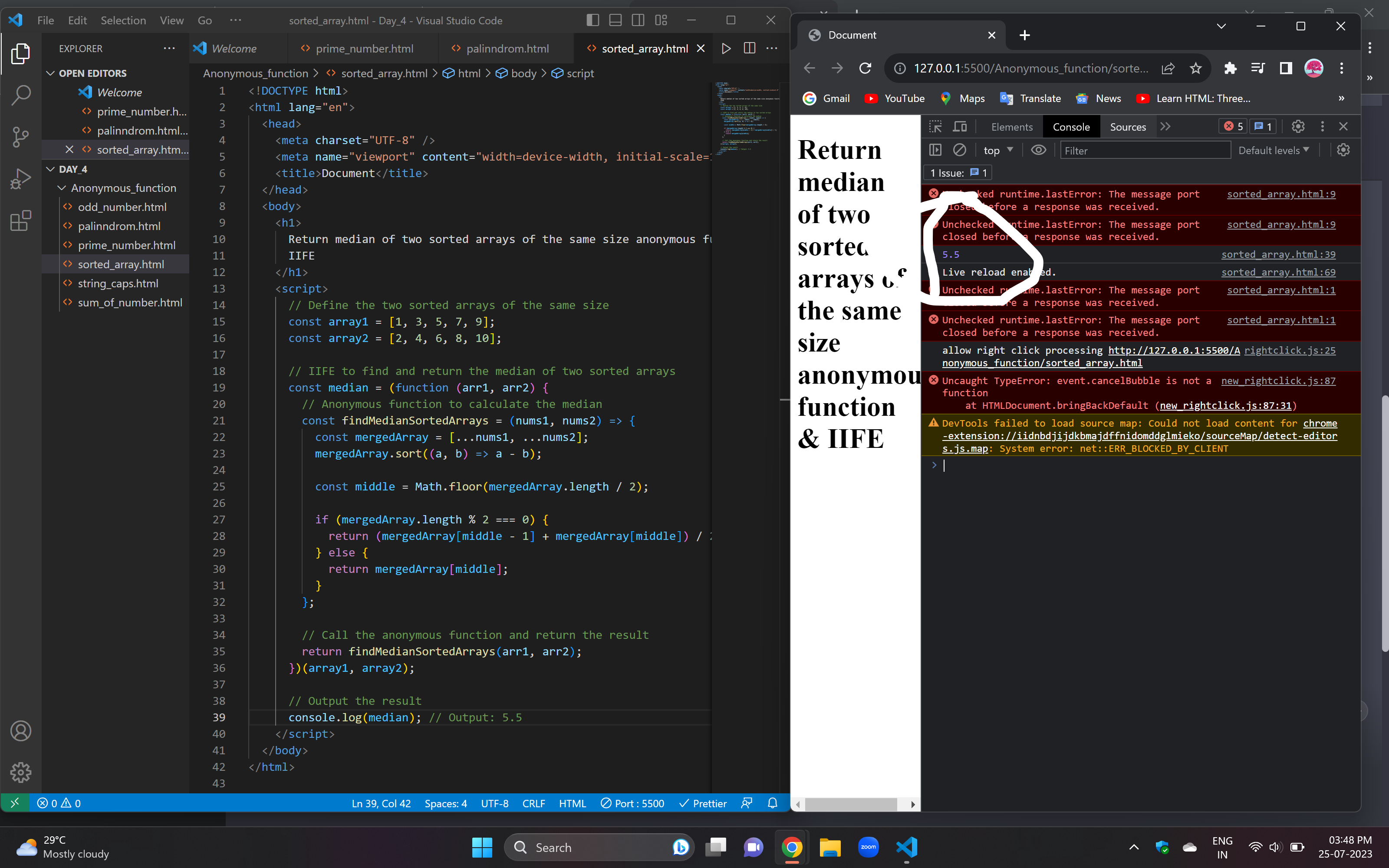
      // Output the result

      console.log(median); // Output: 5.5

    </script>

  </body>

</html>

****