**Return all the prime numbers in an array 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 all the prime numbers in an array anonymous function & IIFE</h1>

    <script>

      (function () {

        const numberArray = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10];

        const isPrime = function (num) {

          if (num <= 1) return false;

          for (let i = 2; i <= Math.sqrt(num); i++) {

            if (num % i === 0) return false;

          }

          return true;

        };

        const getPrimeNumbers = function (arr) {

          return arr.filter(function (num) {

            return isPrime(num);

          });

        };

        const primeNumbersArray = getPrimeNumbers(numberArray);

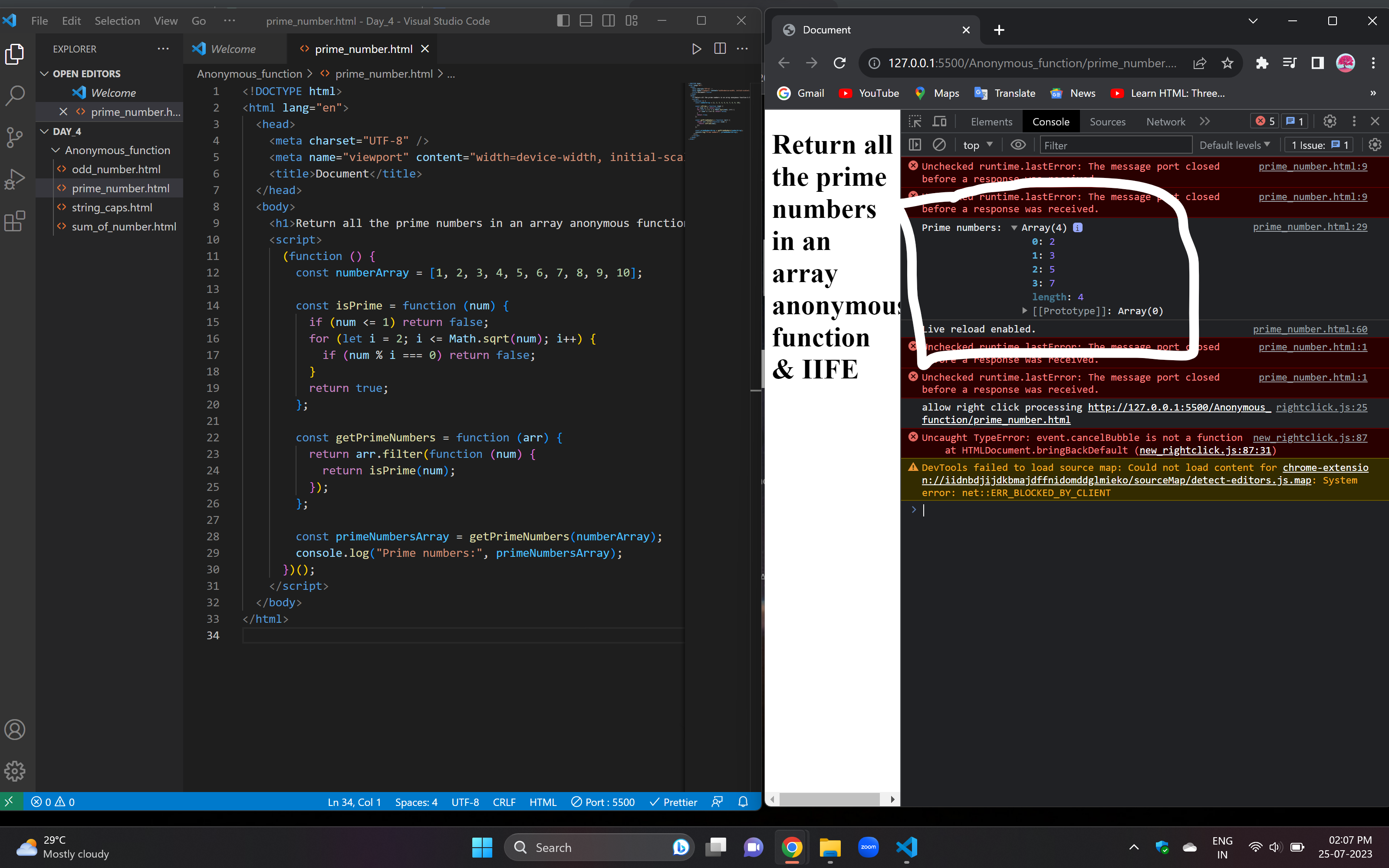
        console.log("Prime numbers:", primeNumbersArray);

      })();

    </script>

  </body>

</html>

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