

Module Assignment 4(javascript)

Home page(index.html) code

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />

    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWFspD65VohhpuuCOmLASjC"
      crossorigin="anonymous"
    />

    <script
      src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
      integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
      crossorigin="anonymous"
    ></script>
    <title>Homepage</title>

  </head>
  <body>
    <div class="container">
      <h1 class="text-center" style="margin: 1em 0 1em 0; text-decoration: underline;">Javascript Calculator</h1>
      <form class="row g-5">
        <div class="col-md-4">
          <label for="number1" class="form-label">Number-1</label>
          <input type="text" class="form-control" id="number1" onblur="setResult()" />
        </div>

        <div class="col-md-4">
          <label for="operator" class="form-label">Operator</label>
          <select id="operator" class="form-select">
            <option value="+" selected>+</option>
            <option value="-">-</option>
            <option value="*">*</option>
            <option value="/">/</option>
          </select>
        </div>

        <div class="col-md-4">
          <label for="number2" class="form-label">Number-2</label>
          <input type="text" class="form-control" id="number2" onblur="setResult()" />
        </div>

        <div class="d-grid gap-2">
          <input class="btn btn-primary" type="button" value="Submit" onclick="calculate()" />
        </div>

        <div class="col-4 mx-auto">
          <label for="result" class="form-label">Answer</label>
          <input type="text" class="form-control" id="result" />
        </div>
      </form>
    </div>
```

```
</body>
<script src="code.js"></script>
</html>
```

Code.js

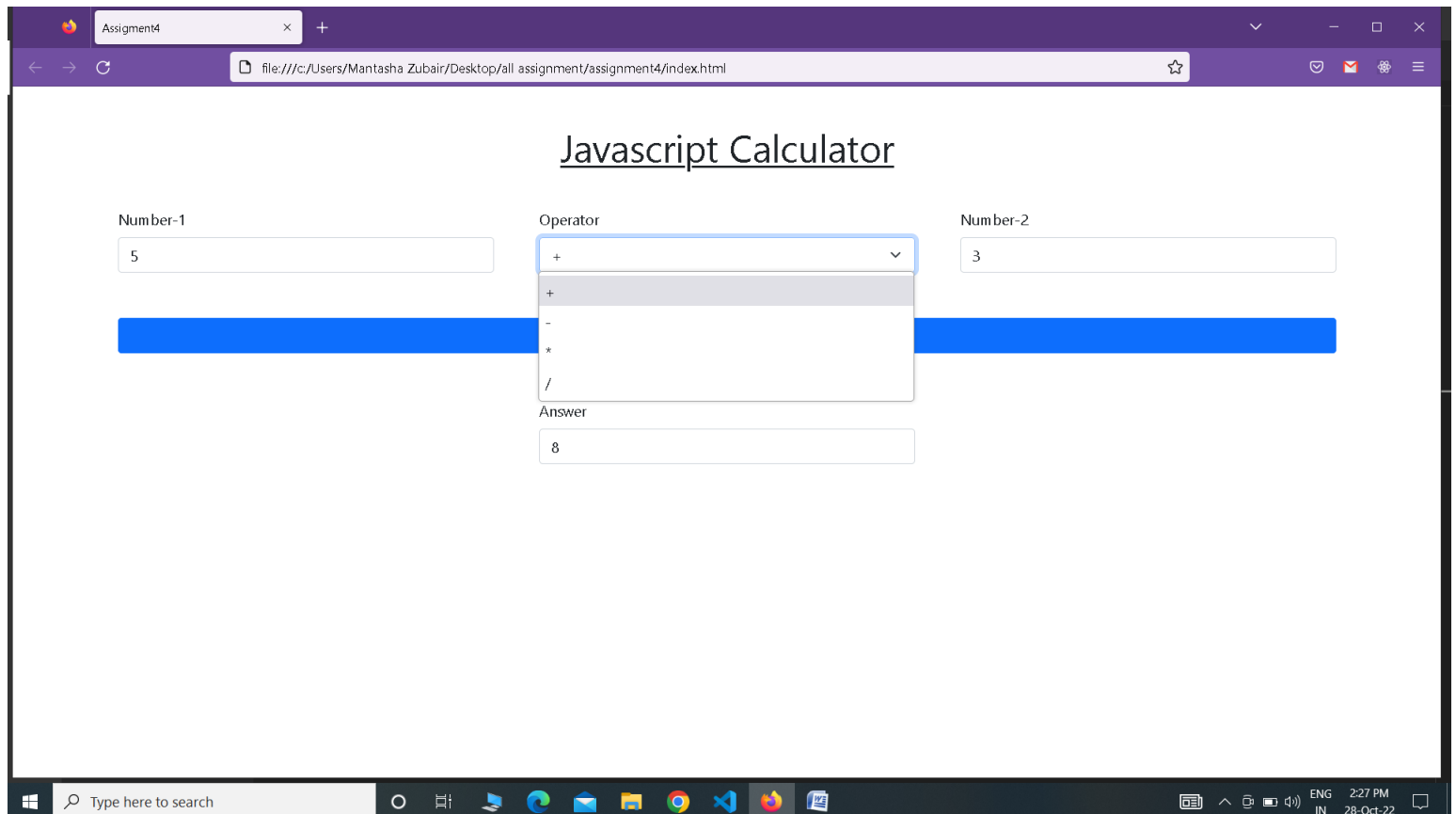
```
var result = document.getElementById("result");

function calculate(){

    var number1= parseFloat(document.getElementById("number1").value);
    var number2 = parseFloat(document.getElementById("number2").value);
    var operator=document.getElementById("operator").value;
    if (operator === '+'){
        result.value = number1 + number2
    }
    else if(operator=== "-"){
        result.value = number1 - number2
    }
    else if(operator=== "*"){
        result.value = number1 * number2
    }
    else if(operator=== "/"){
        result.value = number1 / number2
    }
}

function setResult() {
    result.value = " "
}
```

Output



Add:

Assigment4

file:///C:/Users/Mantasha Zubair/Desktop/all assignment/assignment4/index.html

Javascript Calculator

Number-1

5

Operator

+

Number-2

3

Submit

Answer

8

Sub:

Assigment4

file:///C:/Users/Mantasha Zubair/Desktop/all assignment/assignment4/index.html

Javascript Calculator

Number-1

5

Operator

-

Number-2

3

Submit

Answer

2

Multiply:

Assignment4

file:///c:/Users/Mantasha Zubair/Desktop/all assignment/assignment4/index.html

Javascript Calculator

Number-1

5

Operator

*

Number-2

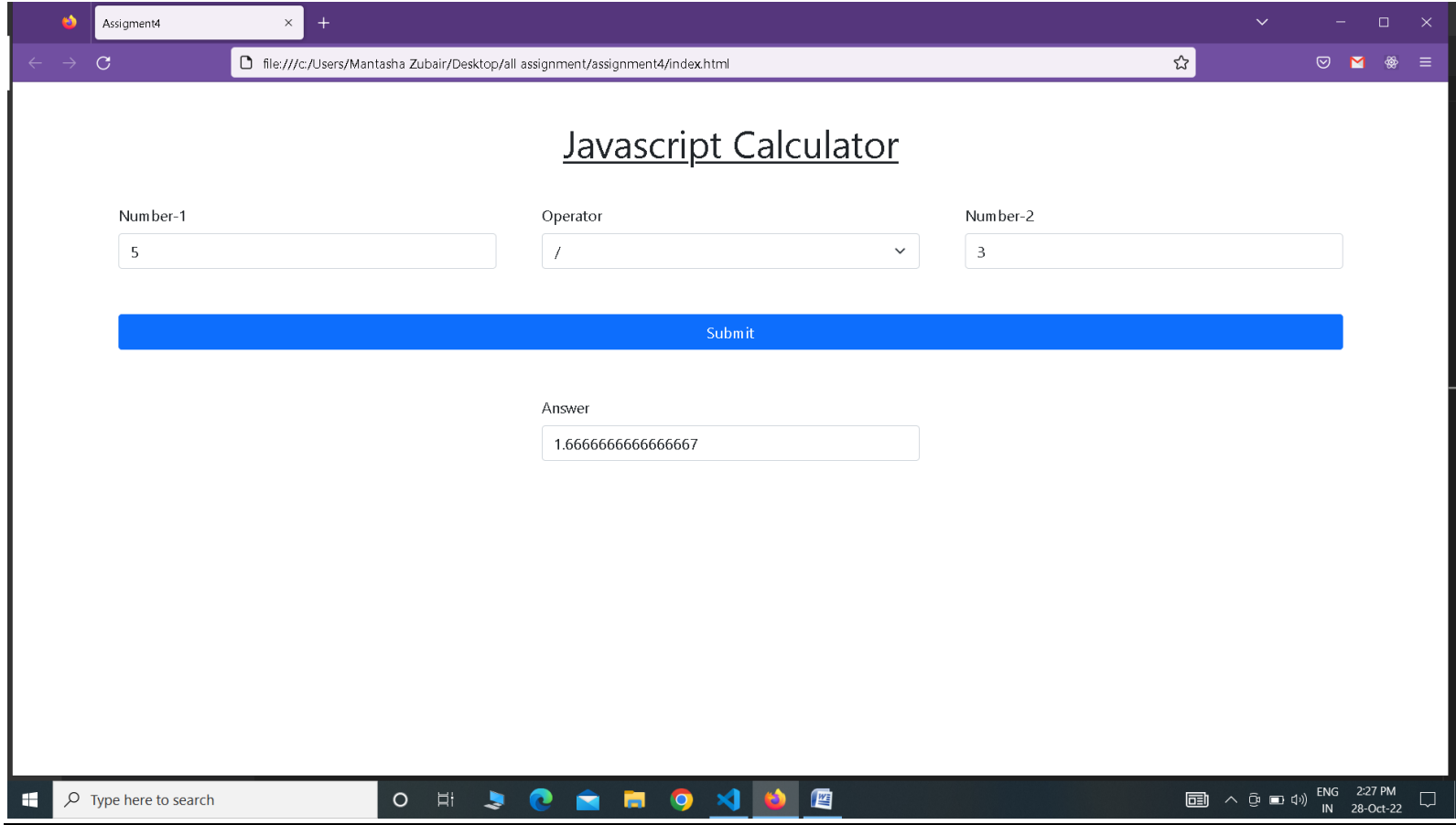
3

Submit

Answer

15

Division:



Github:

https://github.com/MantashaZubair/javascript_assignment.git