

Practical Number – 3

Objective-

Develop a web application using HTML, CSS and Javascript to implement a graphical calculator which performs only addition subtraction, multiplication and division.

Code-

```
<html>
  <head>
    <script>
      function dis(val)
      {
        document.getElementById("result").value+=val
      }

      function solve()
      {
        let x = document.getElementById("result").value
        let y = eval(x)
        document.getElementById("result").value = y
      }
      function clr()
      {
        document.getElementById("result").value = ""
      }
    </script>
  </head>

  <body align="center">
    <div class = title > CALUCULATOR </div>
    <table border="5" bgcolor=#58f5e5 align="center">
      <tr>
        <td colspan="3"><input type="text" id="result"/></td>

        <td><input type="button" value="c" onclick="clr()"/> </td>
      </tr>
      <tr>
```

```

        <td align="center"><input type="button" value="1"
onclick="dis('1')"/> </td>
        <td align="center"><input type="button" value="2"
onclick="dis('2')"/> </td>
        <td align="center"><input type="button" value="3"
onclick="dis('3')"/> </td>
        <td align="center"><input type="button" value="/"
onclick="dis('/')"/> </td>
    </tr>
    <tr>
        <td align="center"><input type="button" value="4"
onclick="dis('4')"/> </td>
        <td align="center"><input type="button" value="5"
onclick="dis('5')"/> </td>
        <td align="center"><input type="button" value="6"
onclick="dis('6')"/> </td>
        <td align="center"><input type="button" value="-" onclick="dis('-
')"/> </td>
    </tr>
    <tr>
        <td align="center"><input type="button" value="7"
onclick="dis('7')"/> </td>
        <td align="center"><input type="button" value="8"
onclick="dis('8')"/> </td>
        <td align="center"><input type="button" value="9"
onclick="dis('9')"/> </td>
        <td align="center"><input type="button" value="+"
onclick="dis('+')"/> </td>
    </tr>
    <tr>
        <td align="center"><input type="button" value="."
onclick="dis('.')"/> </td>
        <td align="center"><input type="button" value="0"
onclick="dis('0')"/> </td>
        <td align="center"><input type="button" value="="
onclick="solve()"/> </td>
        <td align="center"><input type="button" value="*"
onclick="dis('*')"/> </td>
    </tr>
</table>
</body>
</html>

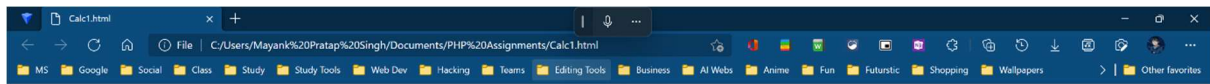
```

Output-

The screenshot shows a Visual Studio Code editor with a workspace named "Calc.html - Steetropolis (Workspace)". The editor is open to a file named "Calc.html". The code is as follows:

```
1 <html>
2 <head>
3   <script>
4     function dis(val)
5     {
6       document.getElementById("result").value+=val
7     }
8
9     function solve()
10    {
11      let x = document.getElementById("result").value
12      let y = eval(x)
13      document.getElementById("result").value = y
14    }
15    function clr()
16    {
17      document.getElementById("result").value = ""
18    }
19  </script>
20
21 </head>
22
23 <body align="center">
24   <div class = title > CALUCULATOR </div>
25   <table border="5" bgcolor=#58f5e5 align="center">
26     <tr>
27       <td colspan="3"><input type="text" id="result"/></td>
28       <td><input type="button" value="c" onclick="clr()"/></td>
29     </tr>
30     <tr>
31       <td align="center"><input type="button" value="1" onclick="dis('1')"/></td>
32       <td align="center"><input type="button" value="2" onclick="dis('2')"/></td>
33       <td align="center"><input type="button" value="3" onclick="dis('3')"/></td>
34       <td align="center"><input type="button" value="/" onclick="dis('/')"/></td>
35     </tr>
36     <tr>
37       <td align="center"><input type="button" value="4" onclick="dis('4')"/></td>
38       <td align="center"><input type="button" value="5" onclick="dis('5')"/></td>
39       <td align="center"><input type="button" value="6" onclick="dis('6')"/></td>
40       <td align="center"><input type="button" value="-" onclick="dis('-')"/></td>
41     </tr>
42     <tr>
43       <td align="center"><input type="button" value="7" onclick="dis('7')"/></td>
44       <td align="center"><input type="button" value="8" onclick="dis('8')"/></td>
45       <td align="center"><input type="button" value="9" onclick="dis('9')"/></td>
46       <td align="center"><input type="button" value="=" onclick="solve()"/></td>
47     </tr>
48   </table>
49 </body>
50 </html>
```

The preview window shows the rendered output of the code. It displays a calculator interface with a title "CALUCULATOR" and a table with buttons for digits 1-9, operators (+, -, *, /), and a "c" button for clearing the result. The result is displayed in a text input field.



CALUCULATOR

