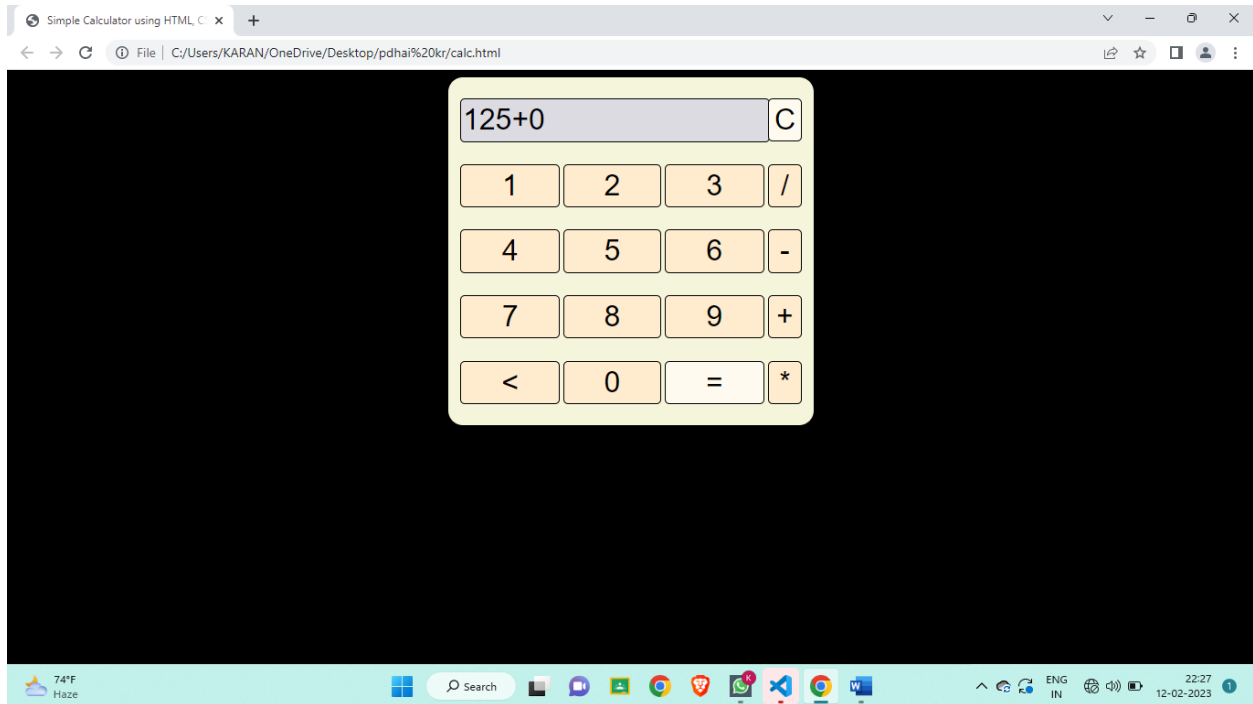


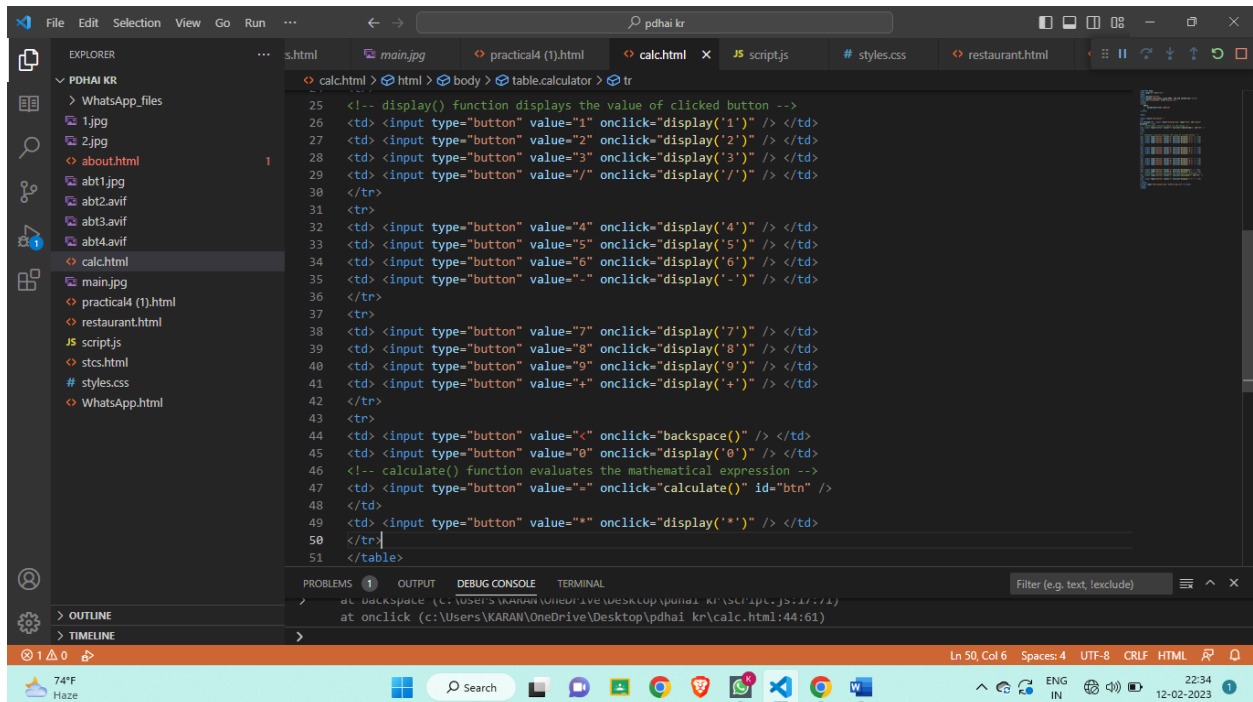
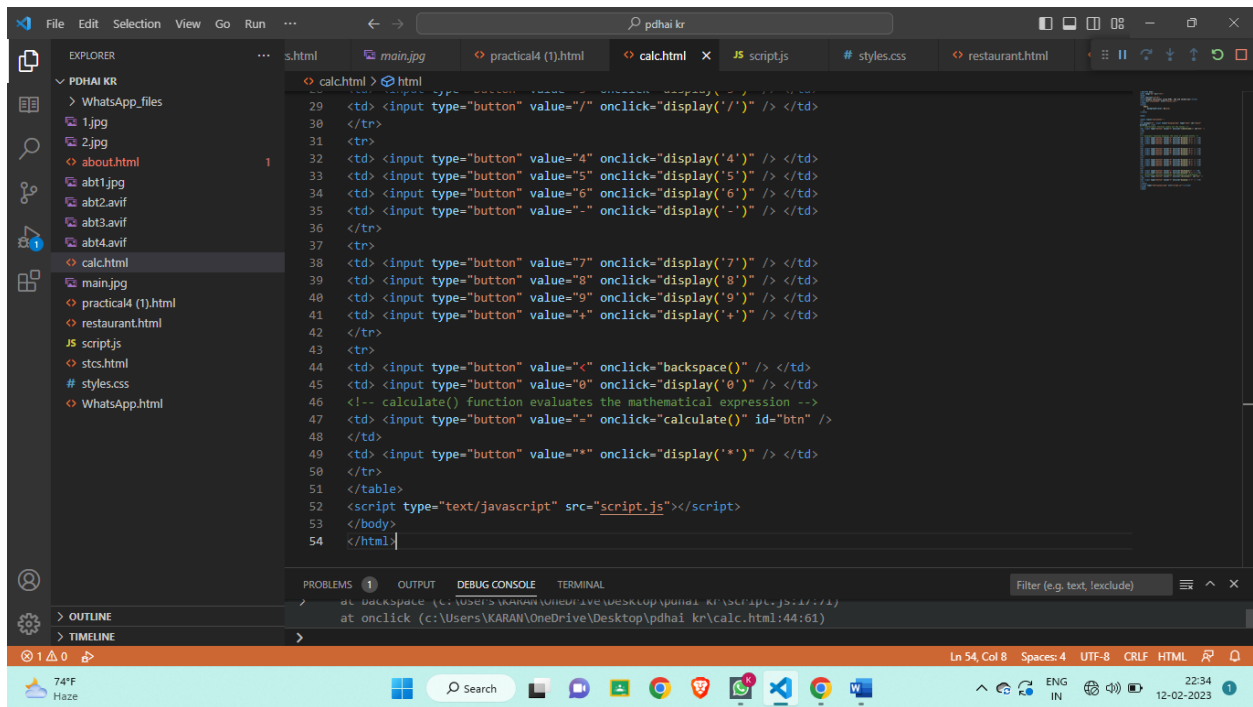
AIM:DESIGN A CALCULATOR TO PERFORM BASIC MATHEMATICAL OPERATION USING JAVASCRIPT.ADD TWO BUTTONS:CLEAR,+/- (TO REPRESENT POSITIVE AND NEGATIVE NUMBERS).

OUTPUT:-



CODE FOR CALCULATOR:-

```
File Edit Selection View Go Run ... pdhai kr
EXPLORER
  PDHAI KR
    WhatsApp_files
    1.jpg
    2.jpg
    about.html
    abt1.jpg
    abt2.avif
    abt3.avif
    abt4.avif
    calc.html
    main.jpg
    practical4 (1).html
    restaurant.html
    script.js
    stcs.html
    styles.css
    WhatsApp.html
  calc.html > html
    1 <!DOCTYPE html>
    2 <html lang="en" dir="ltr">
    3 <head>
    4 <meta charset="utf-8">
    5 <title>Simple Calculator using HTML, CSS and JavaScript</title>
    6 <link rel="stylesheet" href="styles.css">
    7 </head>
    8 <style>
    9   BODY{
    10     background-color: black;
    11   }
    12 </style>
    13
    14 <body>
    15
    16 <table class="calculator" >
    17 <tr>
    18 <td colspan="3"> <input class="display-box" type="text" id="result"
    19 disabled /> </td>
    20 <!-- clearScreen() function clears all the values -->
    21 <td> <input type="button" value="C" onclick="clearScreen()" id="btn" />
    22 </td>
    23 </tr>
    24 <tr>
    25 <!-- display() function displays the value of clicked button -->
    26 <td> <input type="button" value="1" onclick="display('1')" /> </td>
    27 <td> <input type="button" value="2" onclick="display('2')" /> </td>
    28 <td> <input type="button" value="3" onclick="display('3')" /> </td>
    29 <td> <input type="button" value="4" onclick="display('4')" /> </td>
    30 <td> <input type="button" value="5" onclick="display('5')" /> </td>
    31 <td> <input type="button" value="6" onclick="display('6')" /> </td>
    32 <td> <input type="button" value="7" onclick="display('7')" /> </td>
    33 <td> <input type="button" value="8" onclick="display('8')" /> </td>
    34 <td> <input type="button" value="9" onclick="display('9')" /> </td>
    35 <td> <input type="button" value="0" onclick="display('0')" /> </td>
    36 <td> <input type="button" value="." onclick="display('.')" /> </td>
    37 <td> <input type="button" value="+" onclick="display('+)" /> </td>
    38 <td> <input type="button" value="-" onclick="display('-)" /> </td>
    39 <td> <input type="button" value="*" onclick="display('*)" /> </td>
    40 <td> <input type="button" value="/" onclick="display('/)" /> </td>
    41 </tr>
    42 </table>
    43
    44 </body>
    45 </html>
  JS script.js
    1 // Clear Screen Function
    2 function clearScreen() {
    3   document.getElementById("result").value = "";
    4 }
    5
    6 // Display Function
    7 function display(value) {
    8   document.getElementById("result").value += value;
    9 }
    10
    11 // Calculate Function
    12 function calculate() {
    13   let result = document.getElementById("result").value;
    14   if (result.length > 0) {
    15     // Perform the calculation
    16     // For example: eval(result)
    17     // result = eval(result);
    18     // Update the display
    19     document.getElementById("result").value = result;
    20   }
    21 }
    22
    23 // Event Listeners
    24 document.getElementById("btn").addEventListener("click", clearScreen);
    25
    26 document.getElementById("1").addEventListener("click", display('1'));
    27 document.getElementById("2").addEventListener("click", display('2'));
    28 document.getElementById("3").addEventListener("click", display('3'));
    29 document.getElementById("4").addEventListener("click", display('4'));
    30 document.getElementById("5").addEventListener("click", display('5'));
    31 document.getElementById("6").addEventListener("click", display('6'));
    32 document.getElementById("7").addEventListener("click", display('7'));
    33 document.getElementById("8").addEventListener("click", display('8'));
    34 document.getElementById("9").addEventListener("click", display('9'));
    35 document.getElementById("0").addEventListener("click", display('0'));
    36 document.getElementById(".").addEventListener("click", display('.));
    37 document.getElementById("+").addEventListener("click", display('+));
    38 document.getElementById("-").addEventListener("click", display('-));
    39 document.getElementById("*").addEventListener("click", display('*));
    40 document.getElementById("/").addEventListener("click", display('/));
    41 document.getElementById("=").addEventListener("click", calculate);
    42
    43 // Initial Display
    44 document.getElementById("result").value = "125+0";
    45
    46 PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL
    47 at backspace (c:\Users\KARAN\OneDrive\Desktop\pdhai kr\script.js:17:11)
    48 at onclick (c:\Users\KARAN\OneDrive\Desktop\pdhai kr\calc.html:44:61)
    49
    50 Ln 54, Col 8 Spaces: 4 UTF-8 CRLF HTML
```



CODE FOR CSS

