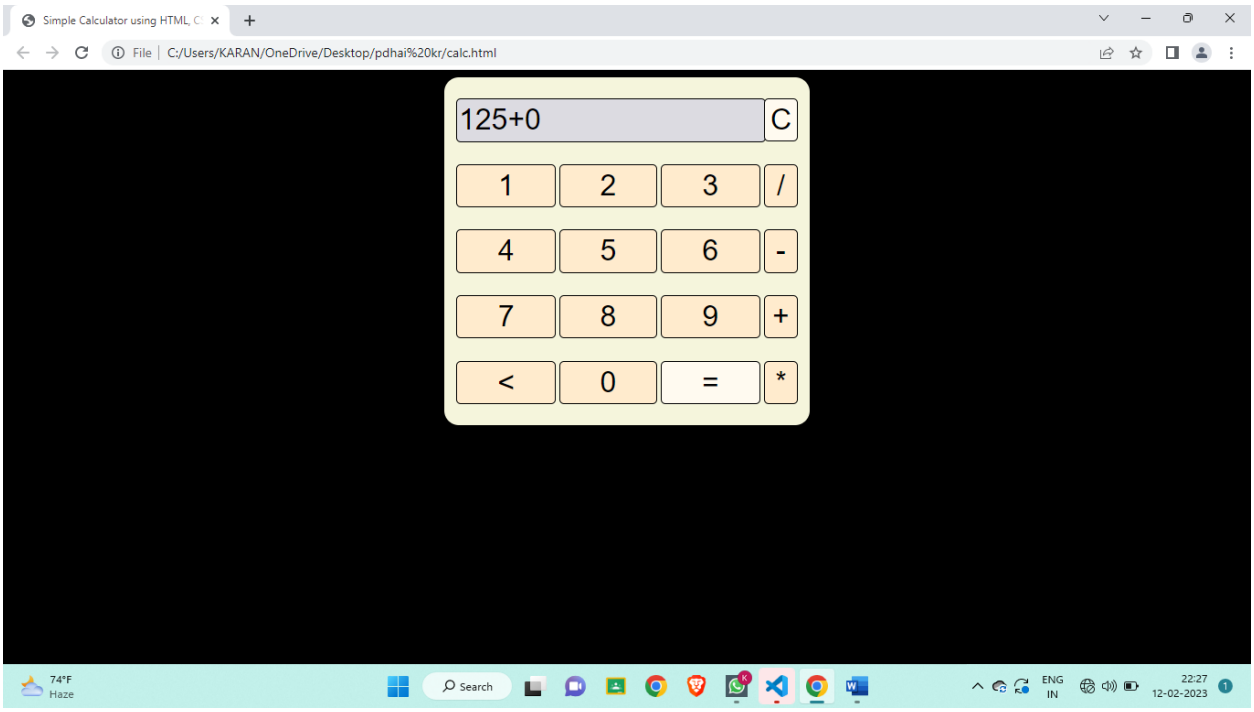
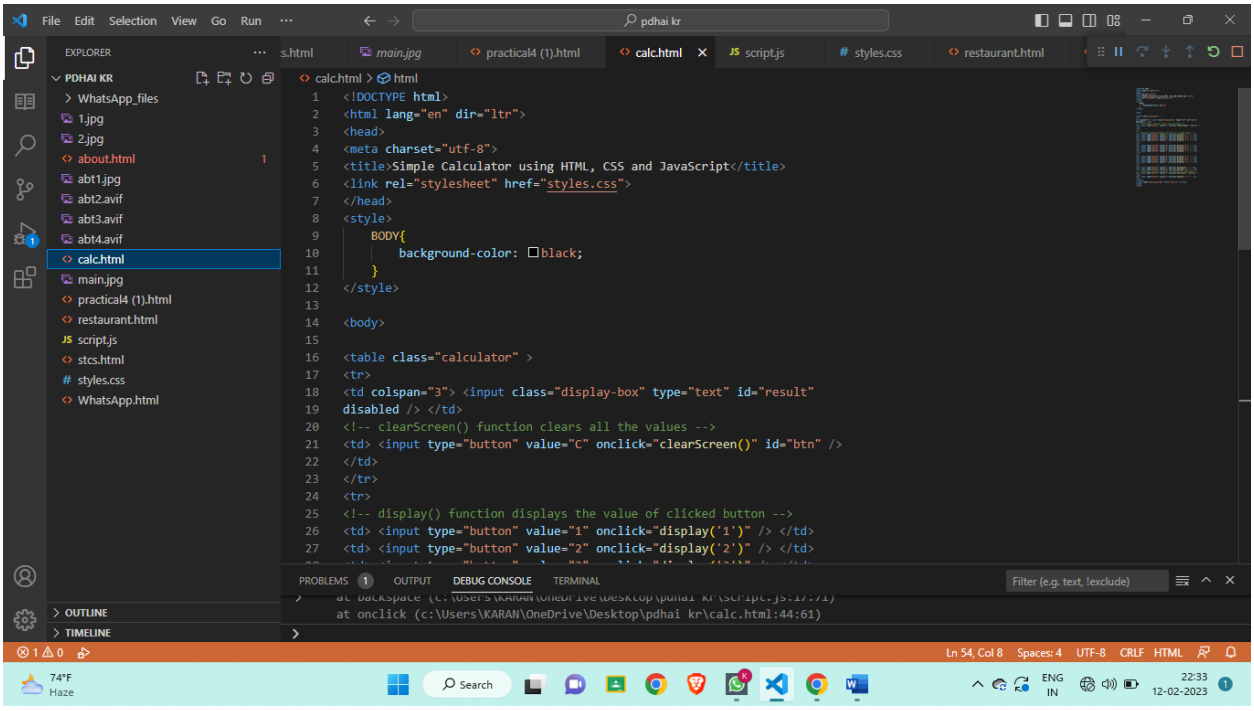
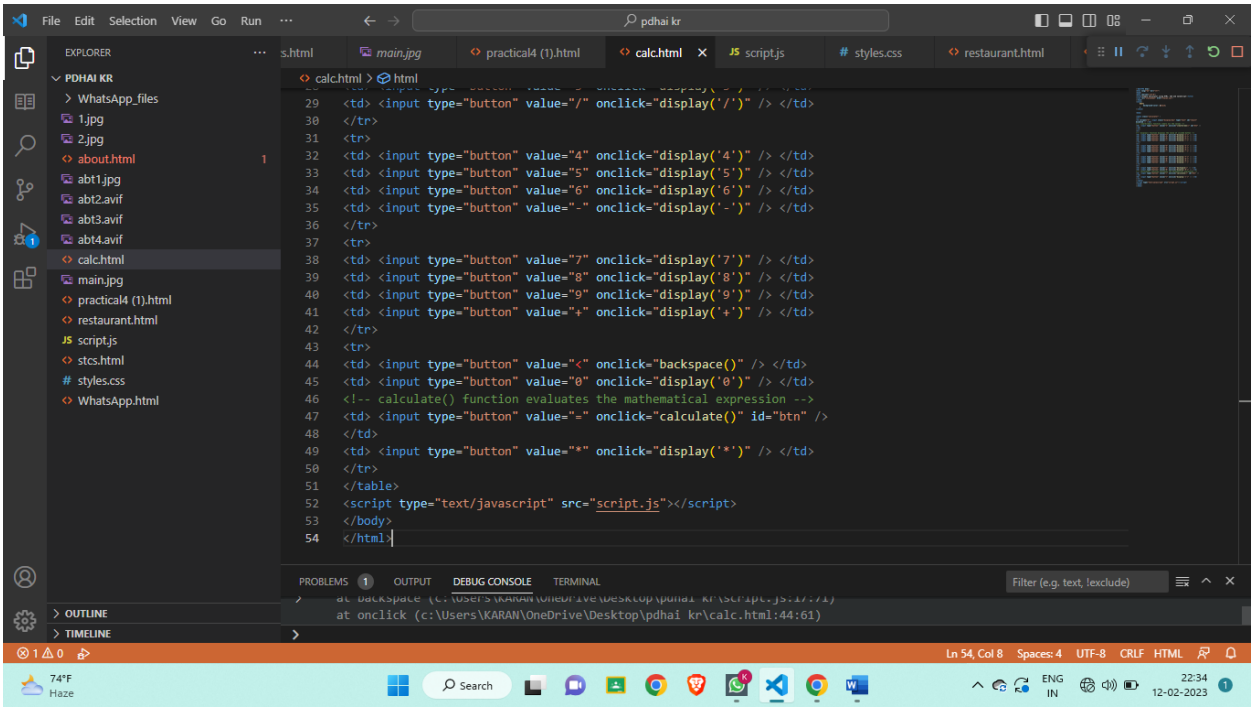
AIM:DESIGN A CALCULATOR TO PERFORM BASIC MATHEMATICAL OPERATION USING JAVASCRIPT.ADD TWO BUTTONS:CLEAR,+/-(TO REPRESENT POSITIVE AND NEGATIVE NUMBERS).

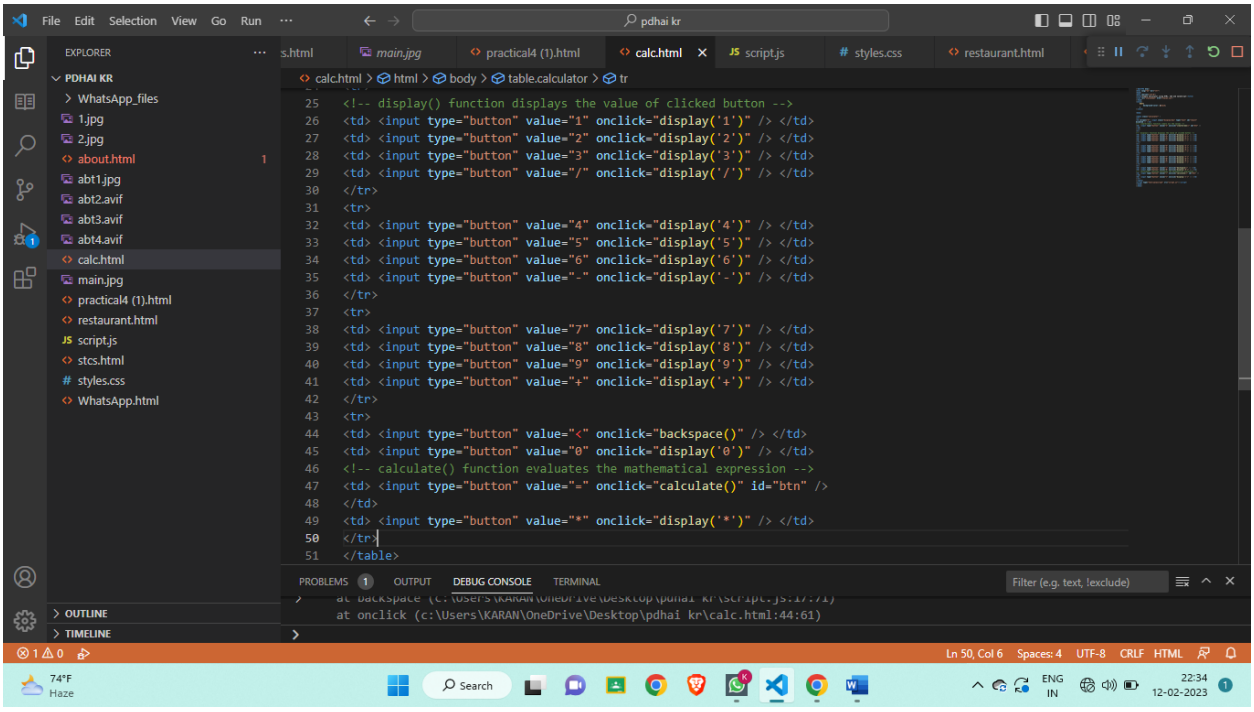
OUTPUT:-



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
main.jpg
practical4 (1).html
calc.html
script.js
styles.css
restaurant.html
calc.html > html
<td> <input type="button" value="/" onclick="display('/')" /> </td>
</tr>
<tr>
<td> <input type="button" value="4" onclick="display('4')" /> </td>
<td> <input type="button" value="5" onclick="display('5')" /> </td>
<td> <input type="button" value="6" onclick="display('6')" /> </td>
<td> <input type="button" value="-" onclick="display('-')" /> </td>
</tr>
<tr>
<td> <input type="button" value="7" onclick="display('7')" /> </td>
<td> <input type="button" value="8" onclick="display('8')" /> </td>
<td> <input type="button" value="9" onclick="display('9')" /> </td>
<td> <input type="button" value="+" onclick="display('+')" /> </td>
</tr>
<tr>
<td> <input type="button" value="<" onclick="backspace()" /> </td>
<td> <input type="button" value="0" onclick="display('0')" /> </td>
<!-- calculate() function evaluates the mathematical expression -->
<td> <input type="button" value="=" onclick="calculate()" id="btn" />
</td>
<td> <input type="button" value="*" onclick="display('*')" /> </td>
</tr>
</table>
<script type="text/javascript" src="script.js"></script>
</body>
</html>
PROBLEMS 1
OUTPUT
DEBUG CONSOLE
TERMINAL
Filter (e.g. text, !exclude)
at onclick (c:\Users\KARAN\OneDrive\Desktop\pdhai kr\calc.html:44:61)
OUTLINE
TIMELINE
Ln 54, Col 8
Spaces: 4
UTF-8
CRLF
HTML
74°F
Haze
Search
ENG
IN
22:34
12-02-2023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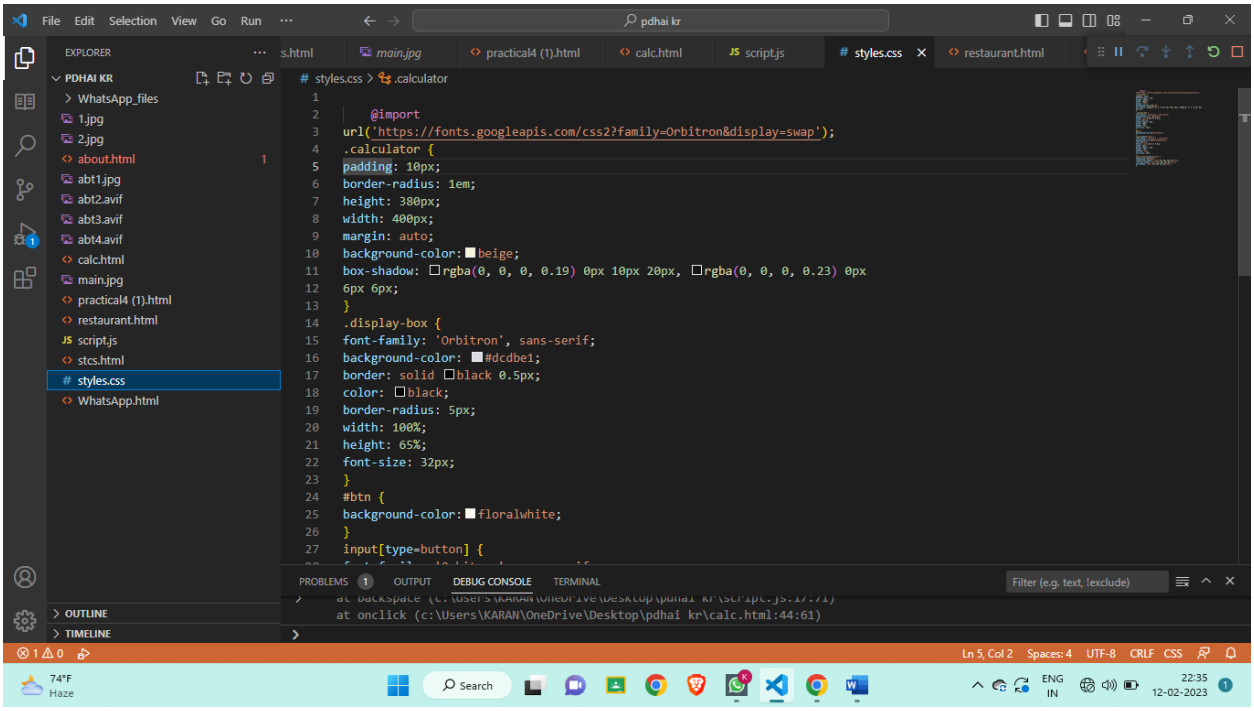
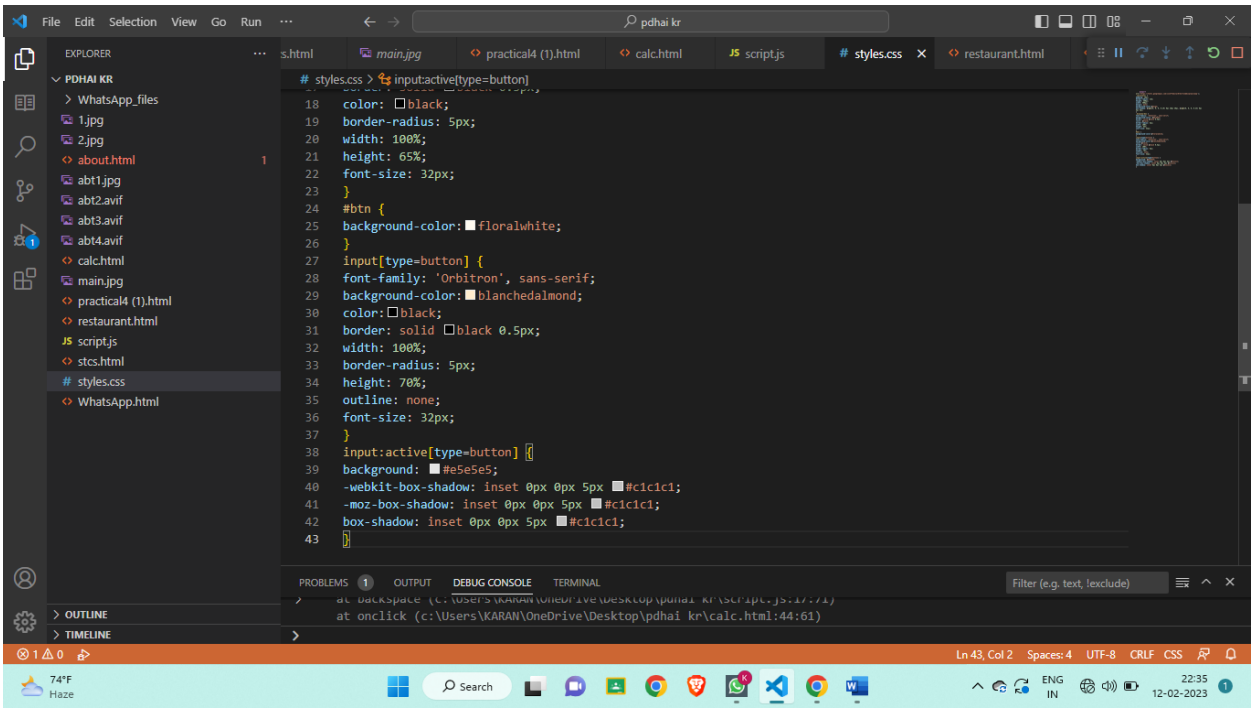
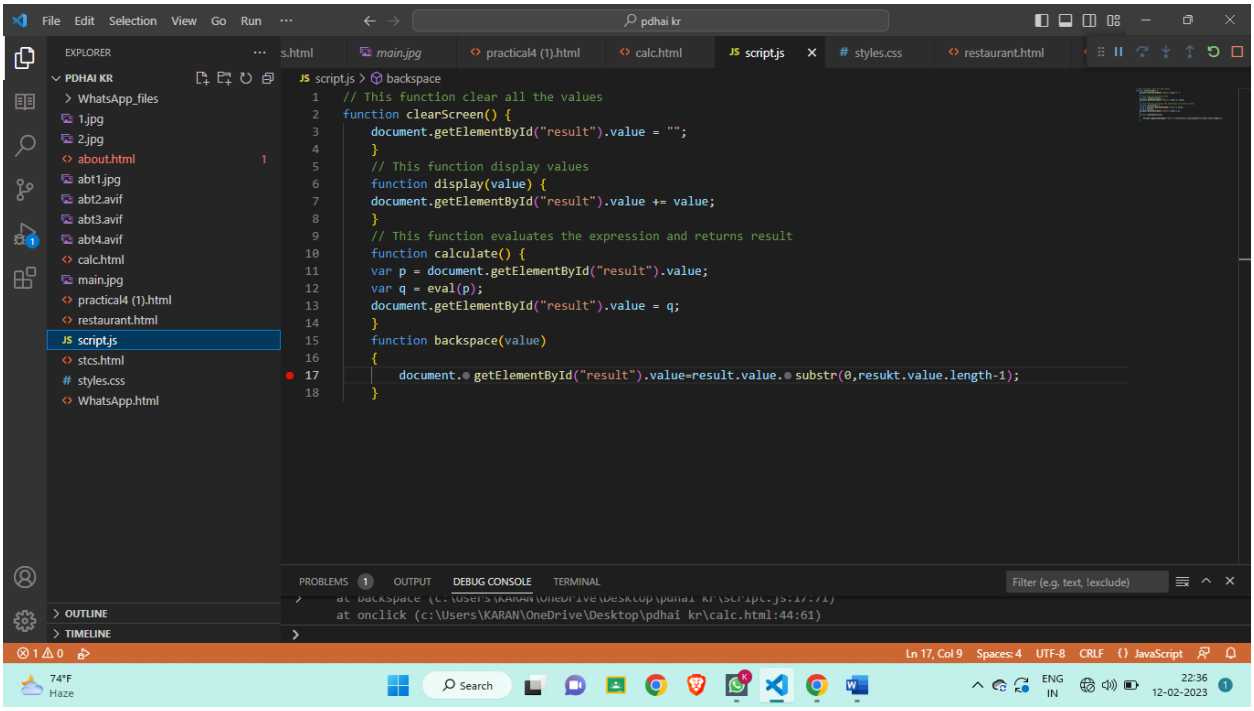
calc.html
main.jpg
practical4 (1).html
restaurant.html
script.js
stcs.html
styles.css
WhatsApp.html
calc.html
main.jpg
practical4 (1).html
calc.html
script.js
styles.css
restaurant.html
calc.html > html > body > table.calculator > tr
<!-- display() function displays the value of clicked button -->
<td> <input type="button" value="1" onclick="display('1')" /> </td>
<td> <input type="button" value="2" onclick="display('2')" /> </td>
<td> <input type="button" value="3" onclick="display('3')" /> </td>
<td> <input type="button" value="/" onclick="display('/')" /> </td>
</tr>
<tr>
<td> <input type="button" value="4" onclick="display('4')" /> </td>
<td> <input type="button" value="5" onclick="display('5')" /> </td>
<td> <input type="button" value="6" onclick="display('6')" /> </td>
<td> <input type="button" value="-" onclick="display('-')" /> </td>
</tr>
<tr>
<td> <input type="button" value="7" onclick="display('7')" /> </td>
<td> <input type="button" value="8" onclick="display('8')" /> </td>
<td> <input type="button" value="9" onclick="display('9')" /> </td>
<td> <input type="button" value="+" onclick="display('+')" /> </td>
</tr>
<tr>
<td> <input type="button" value="<" onclick="backspace()" /> </td>
<td> <input type="button" value="0" onclick="display('0')" /> </td>
<!-- calculate() function evaluates the mathematical expression -->
<td> <input type="button" value="=" onclick="calculate()" id="btn" />
</td>
<td> <input type="button" value="*" onclick="display('*')" /> </td>
</tr>
</table>
PROBLEMS 1
OUTPUT
DEBUG CONSOLE
TERMINAL
Filter (e.g. text, !exclude)
at onclick (c:\Users\KARAN\OneDrive\Desktop\pdhai kr\calc.html:44:61)
OUTLINE
TIMELINE
Ln 50, Col 6
Spaces: 4
UTF-8
CRLF
HTML
74°F
Haze
Search
ENG
IN
22:34
12-02-2023

CODE FOR CSS





CODE FOR JAVA SCRIPT:-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WhatsApp_files
1.jpg
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restaurant.html
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styles.css
WhatsApp.html
OUTLINE
TIMELINE
s.html
main.jpg
practical4 (1).html
calc.html
script.js
styles.css
restaurant.html
script.js > backspace
1 // This function clear all the values
2 function clearScreen() {
3 document.getElementById("result").value = "";
4 }
5 // This function display values
6 function display(value) {
7 document.getElementById("result").value += value;
8 }
9 // This function evaluates the expression and returns result
10 function calculate() {
11 var p = document.getElementById("result").value;
12 var q = eval(p);
13 document.getElementById("result").value = q;
14 }
15 function backspace(value)
16 {
17 document.getElementById("result").value=result.value.substr(0,resukt.value.length-1);
18 }
PROBLEMS 1
OUTPUT
DEBUG CONSOLE
TERMINAL
Filter (e.g. text, !exclude)
at backspace (c:\Users\KARAN\OneDrive\Desktop\pdhai kr\script.js:17:71)
at onclick (c:\Users\KARAN\OneDrive\Desktop\pdhai kr\calc.html:44:61)
Ln 17, Col 9
Spaces: 4
UTF-8
CRLF
JavaScript
74°F
Haze
Search
ENG
IN
22:36
12-02-2023