Program-1:Write a javaScript to design a simple calculator to perform the following operations:sum,product,difference and quotient.

```html
<!DOCTYPE html>

<html>

<head>

        <title>Experiment-1</title>

        <style type="text/css">

                table, td, th{

                        border: 2px solid;

                        text-align: center;

                        background-color: skyblue;

                        margin: auto;

                }

                input{

                        text-align: center;

                }

        </style>

        <script type="text/javascript">

                function calc(clicked_id)

                        {

                        var v1=parseFloat(document.getElementById("value1").value);

                        var v2=parseFloat(document.getElementById("value2").value);
```

```javascript
if(isNaN(v1) || isNaN(v2))

        alert("Please enter a valid number");

else if(clicked_id=="add")

        document.getElementById("answer").value=v1+v2;

else if(clicked_id=="sub")

        document.getElementById("answer").value=v1-v2;

else if(clicked_id=="mul")

        document.getElementById("answer").value=v1*v2;

else if(clicked_id=="div")

{

        if(v2==0)

        {

                alert("Please Enter a Non Zero Denominator");

                location.reload();

        }

        else

document.getElementById("answer").value=v1/v2;

}

}


function cls()

{
```

```
                value1.value="0";

                value2.value="0";

                answer.value="";

        }

    </script>

</head>

<body>

    <table>

        <tr>

            <th colspan="4"> Simple Calculator </th>

        </tr>

        <tr>

            <td>Enter Operand-1</td>

            <td> <input type="text" id="value1" value="0"/></td>

            <td>Enter Operand-2</td>

            <td><input type="text"  id="value2" value="0"/></td>

        </tr>

        <tr>

            <td><input type="button" value="Addition" id="add"
onclick="calc(this.id)"/></td>

            <td><input type="button" value="Substraction" id="Sub"
onclick="calc(this.id)"/> </td>

            <td><input type="button" value="Multiplication" id="mul"
onclick="calc(this.id)"/> </td>
```

```html
            <td colspan="2"><input type="button" value="Division" id="div" onclick="calc(this.id)"/> </td>

        </tr>

        <tr>

            <td> Result: </td>

            <td> <input type="text" id="answer" value="" disabled/></td>

            <td><input type="button" value="Clear All" id="cls" onclick="cls(this.id)"/> </td>

        </tr>

    </table>

</body>

</html>
```
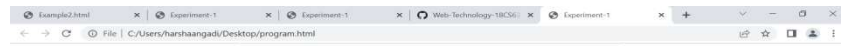
Simple Calculator			
Enter Operand-1	50.56	Enter Operand-2	24.39
Addition	Substraction	Multiplication	Division
Result:	2.072980729807298	Clear All	

assignment1.pdf ^   Show all ✕

26°C Rain   ENG 03:58 PM 22-06-2022

Experiment-1

File | C:/Users/harshaangadi/Desktop/program.html

Simple Calculator			
Enter Operand-1	0	Enter Operand-2	45
Addition	Substraction	Multiplication	Division
Result:	45	Clear All	

26°C Rain showers   ENG 04:32 PM 22-06-2022

Experiment-1

File | C:/Users/harshaangadi/Desktop/program.html

Simple Calculator			
Enter Operand-1	0	Enter Operand-2	45
Addition	Substraction	Multiplication	Division
Result:	0	Clear All	

26°C Rain showers   ENG 04:33 PM 22-06-2022

Experiment-1

File | C:/Users/harshaangadi/Desktop/program.html

Simple Calculator			
Enter Operand-1	0	Enter Operand-2	45
Addition	Substraction	Multiplication	Division
Result:	0	Clear All	

26°C Rain showers   ENG 04:33 PM 22-06-2022

Simple Calculator

Enter Operand-1	45	Enter Operand-2	0
Addition	Substraction	Multiplication	Division
Result:	45	Clear All	

Simple Calculator

Enter Operand-1	45	Enter Operand-2	0
Addition	Substraction	Multiplication	Division
Result:	45	Clear All	

Simple Calculator

Enter Operand-1	45	Enter Operand-2	0
Addition	Substraction	Multiplication	Division
Result:	0	Clear All	

This page says

Please enter a valid number

OK

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