

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

<!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);
 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>

            <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>

```

Output





