

```
<!-- Write a javascript which demonstrate simple calculator-->

<!-- Add, Sub, Mul, Division with error handling and clear screen-->

<!DOCTYPE html>

<html>

<head>

<title>Lab calculator program</title>

<style>

.title{

border-radius: 5px;

margin-bottom: 50px;

text-align: center;

width: 300px;

color:#ff4446;

border:dashed green 2px;

}

input[type="button"]{

border-radius: 10px;

background-color: #ff4446;

color:black;
```

```
border-color: #ff4456;
```

```
width:100%;
```

```
}
```

```
input[type="text"]{
```

```
border-radius: 10px;
```

```
text-align:right;
```

```
border-color:black;
```

```
background-color: white;
```

```
width: 100%;
```

```
}
```

```
</style>
```

```
<script>
```

```
// create a function disp
```

```
function disp(val){
```

```
document.getElementById('sdm').value+=val;
```

```
}
```

```
// function to clear textbox
```

```
function clr(){
```

```
document.getElementById("sdm").value=" "
```

```
}
```

```
// function to solve the calculator problem
```

```
function solve(){
```

```
let x=document.getElementById('sdm').value;
```

```
//alert(x);
```

```
let y=eval(x);
```

```
// alert(y);
```

```
document.getElementById('sdm').value=y;
```

```
}
```

```
</script>
```

```
</head>
```

```
<body><!-- comment-->
```

```
<div class="title">SDM Javascript Program For Simple calculator</div>
```

```
<table border="1">

<tr>

<td>

<input type="button" value="C" onclick="clr()" />

</td>

<td colspan="3">

<input type="text" id="sdm"/>

</td>

</tr>

<tr>

<!--Creating buttons and assigning values-->

<td>

<input type="button" value="+" onclick="disp('+')"/>

</td>

<td>

<input type="button" value="1" onclick="disp('1')"/>

</td>

<td>

<input type="button" value="2" onclick="disp('2')"/>
```

</td>

<td>

<input type="button" value="3" onclick="disp('3')"/>

</td>

</tr>

<tr>

<td>

<input type="button" value="-" onclick="disp('-')"/>

</td>

<td>

<input type="button" value="4" onclick="disp('4')"/>

</td>

<td>

<input type="button" value="5" onclick="disp('5')"/>

</td>

<td>

<input type="button" value="6" onclick="disp('6')"/>

</td>

</tr>

<tr>

<td>

<input type="button" value="*" onclick="disp('*')"/>

</td>

<td>

<input type="button" value="7" onclick="disp('7')"/>

</td>

<td>

<input type="button" value="8" onclick="disp('8')"/>

</td>

<td>

<input type="button" value="9" onclick="disp('9')"/>

</td>

</tr>

<tr>

<td>

<input type="button" value="/" onclick="disp('/')"/>

</td>

<td>

```
<input type="button" value="." onclick="disp('.')"/>
```

```
</td>
```

```
<td>
```

```
<input type="button" value="0" onclick="disp('0')"/>
```

```
</td>
```

```
<td>
```

```
<input type="button" value="=" onclick="solve()"/>
```

```
</td>
```

```
</tr>
```

```
</table>
```

```
</body>
```

```
</html>
```

