

**Program: For making Calculator using JavaScript**

```
<html> <head> <title>Simple Calculator</title>

<style>table{background-color: purple;
size: 100px; } </style>

</head><body> <center>

<table class="calculator">

<tr><td colspan="3"><input class="display-box" type="text" id="result"> </td>

<td><input class="button" type="button" value="C" onclick="clearScreen()" style="background-color:aqua"></td></tr> <tr><td>

<input class="button" type="button" value="1" onclick="display('1')"/> </td> <td>

<input class="button" type="button" value="2" onclick="display('2')"/></td><td>

<input class="button" type="button" value="3" onclick="display('3')"/></td><td>

<input class="button" type="button" value="/" onclick="display('/')"/></td></tr><tr>

<td><input class="button" type="button" value="4" onclick="display('4')"/></td><td>

<input class="button" type="button" value="5" onclick="display('5')"/></td>

<td><input class="button" type="button" value="6" onclick="display('6')"/></td><td>

<input class="button" type="button" value="+" onclick="display('+')"/> </td></tr>

<tr><td><input class="button" type="button" value="7" onclick="display('7')"/>

</td><td><input class="button" type="button" value="8" onclick="display('8')"/> </td>

<td><input class="button" type="button" value="9" onclick="display('9')"/> </td>

<td><input class="button" type="button" value="-" onclick="display('-')"/>

</td></tr><tr><td><input class="button" type="button" value"." onclick="display('.')"/> </td>

<td><input class="button" type="button" value="0" onclick="display('0')"/></td><td>

<input class="button" type="button" value "=" onclick="calculate()"/> </td><td>

<input class="button" type="button" value "*" onclick="display('*')"/> </td></tr> </table>

<script> function clearScreen(){ document.getElementById("result").value="";}

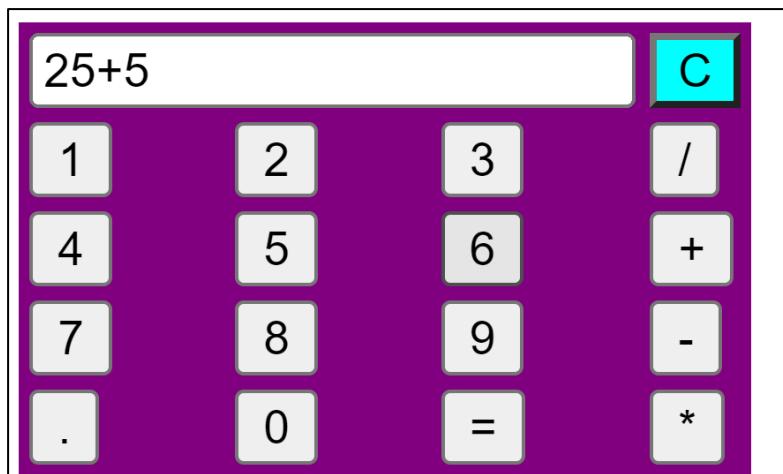
function display(value){ document.getElementById("result").value +=value;}

function calculate(){var p= document.getElementById("result").value;

var q=eval(p);document.getElementById("result").value=q;}

</script>

</body></html>
```



**Code: Programs based on form validation.**

```
<html> <head><title>Form </title></head>
<body style="background-color:rgb(115, 160, 152)">
<center> <h1>FORM</h1><form >
User Name: <input type="text" id="u_name"><br><br>
Password: <input type="password" id="pwd"><br><br><input class="button" type="button" value="Submit" id="btn" style="background-color: green;" onclick="validateform()"><br><br>
</form></center><script>function validateform(){
var u=document.getElementById("u_name").value;
var p=document.getElementById("pwd").value;
if(u==""){alert("Enter a Username")
return false;} else if(p==""){alert("Enter a Password")
return false;}
else{alert("SUCCESSFULLY LOGIN")}}</script></body>
```

## FORM

User Name:

Password:  (eye)

127.0.0.1:5500 says

SUCCESSFULLY LOGIN