

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>
```