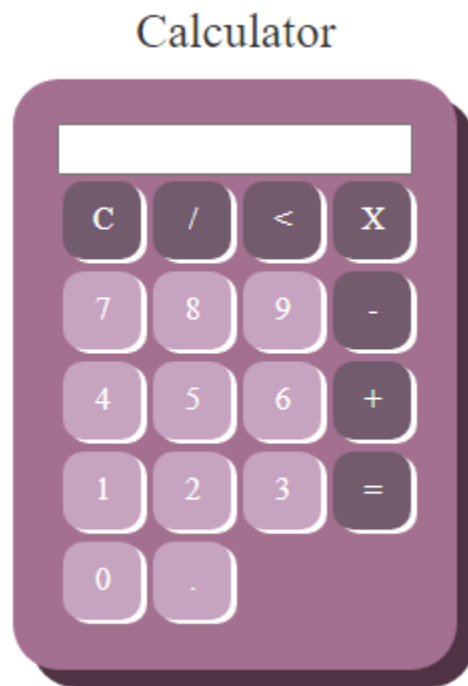# Calculator

learn how to build a Calculator using HTML CSS & jQuery.

As you can see in the image, this is a Calculator. You will find a calculator program the same as this on a very familiar website like CodePen, but that program will be very difficult. If you are a beginner or watching for simple code, then definitely difficult for you to understand.

In the image, there are some buttons and numbers. When you click on that specific button, the number of that button will be shown on the display.

Working Calculator using HTML CSS & jQuery with Bootstrap:

- Links in the project:

```html
<!-- ============= JQuery ============== -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<!-- ============= Bootstrap ============ -->
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
```

- HTML:

```html
<body>
    <div class="row margin0">
        <div class="col-md-10 divCenter">
            <h3>Calculator</h3>
            <div class="DivCalculator">
                <div>
                    <input type="text" id="IDinputCalculator" class="inputCalculator">
                </div>
                <table>
                    <tbody>
                        <tr>
                            <td><input type="button" value="C" class="inputClick colorButton" onclick="cancel('C')"></td>
                            <td><input type="button" value="/" class="inputClick colorButton" onclick="insert('/')"></td>
                            <td><input type="button" value="<" class="inputClick colorButton" onclick="delet('<')"></td>
                            <td><input type="button" value="X" class="inputClick colorButton" onclick="insert('*')"></td>
                        </tr>
                        <tr>
                            <td><input type="button" value="7" class="inputClick backgrounColor" onclick="insert(7)"></td>
                            <td><input type="button" value="8" class="inputClick backgrounColor" onclick="insert(8)"></td>
                            <td><input type="button" value="9" class="inputClick backgrounColor" onclick="insert(9)"></td>
                            <td><input type="button" value="-" class="inputClick colorButton" onclick="insert('-')"></td>
                        </tr>
                        <tr>
                            <td><input type="button" value="4" class="inputClick backgrounColor" onclick="insert(4)"></td>
                            <td><input type="button" value="5" class="inputClick backgrounColor" onclick="insert(5)"></td>
                            <td><input type="button" value="6" class="inputClick backgrounColor" onclick="insert(6)"></td>
                            <td><input type="button" value="+" class="inputClick colorButton" onclick="insert('+')"></td>
                        </tr>
                        <tr>
                            <td><input type="button" value="1" class="inputClick backgrounColor" onclick="insert(1)"></td>
                            <td><input type="button" value="2" class="inputClick backgrounColor" onclick="insert(2)"></td>
                            <td><input type="button" value="3" class="inputClick backgrounColor" onclick="insert(3)"></td>
                            <td><input type="button" value="=" class="inputClick colorButton" onclick="equle('=')"></td>
                        </tr>
                        <tr>
                            <td><input type="button" value="0" class="inputClick backgrounColor" onclick="insert(0)"></td>
                            <td><input type="button" value="." class="inputClick backgrounColor" onclick="insert('.')"></td>
                        </tr>
                    </tbody>
                </table>
            </div>
        </div>
    </div>
</body>
```

– CSS:

```css
<style>
    body{
        font-family: 'Times New Roman', Times, serif;
    }
    .margin0{
        margin: 0px;
    }
    .divCenter{
        text-align: -webkit-center;
        padding-top: 2%;
    }
    .inputClick{
        width: 39px;
        height: 39px;
        margin: 3px;
        background-color: #c6a3be;
        color: white;
        border-top-left-radius: 10px;
        border: none;
        border-top-right-radius: 10px;
        border-bottom-left-radius: 10px;
        border-bottom-right-radius: 10px;
        box-shadow: 3px 2px 0px 0px;
    }
```

```css
    .DivCalculator{
        box-shadow: 9px 9px #4f3344;
        padding: 2%;
        background-color: #a3708f;
        width: 20%;
        border-top-left-radius: 23px;
        border-top-right-radius: 23px;
        border-bottom-left-radius: 23px;
        border-bottom-right-radius: 23px;
    }
    .backgrounColor{
        background-color: #c6a3be
    }
    .colorButton{
        background-color: #725b6c;
    }
</style>
```

- jQuery code:

```
<script>
    function insert(number){
        $('#IDinputCalculator').val($('#IDinputCalculator').val() + number);
    }

    function equle(){
        $('#IDinputCalculator').val(eval($('#IDinputCalculator').val()))
    }

    function cancel(){
        $('#IDinputCalculator').val('');
    }

    function delet(){
        var value = $('#IDinputCalculator').val();

        $('#IDinputCalculator').val(value.substring(0, value.length -1));
    }

</script>
```