

Introdução às tecnologias Web - ITW

Pratica 6 – Interação/validação de formulários em Javascript

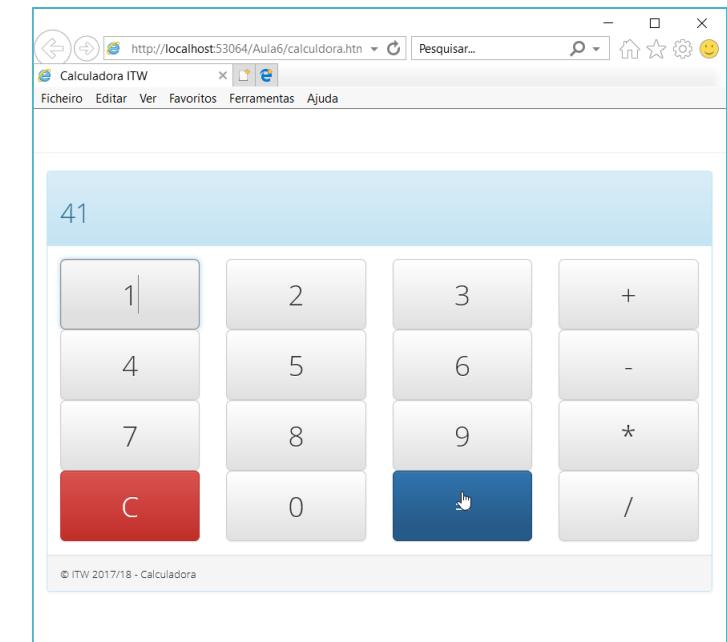
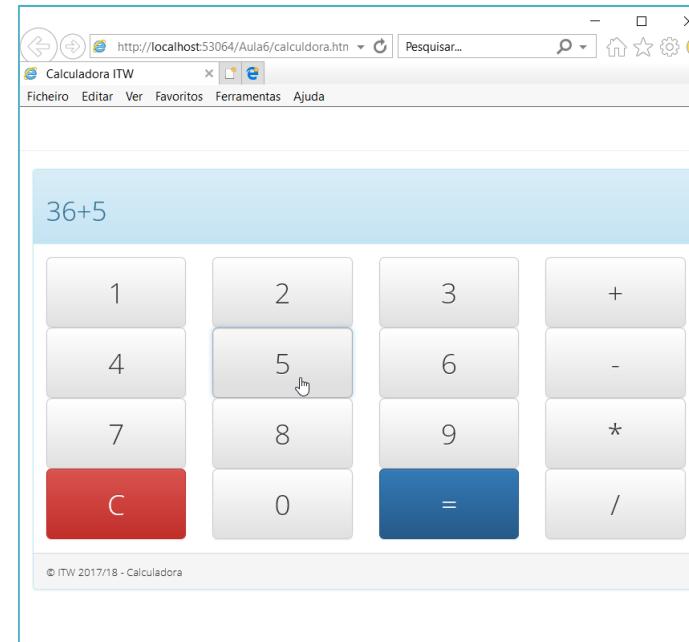
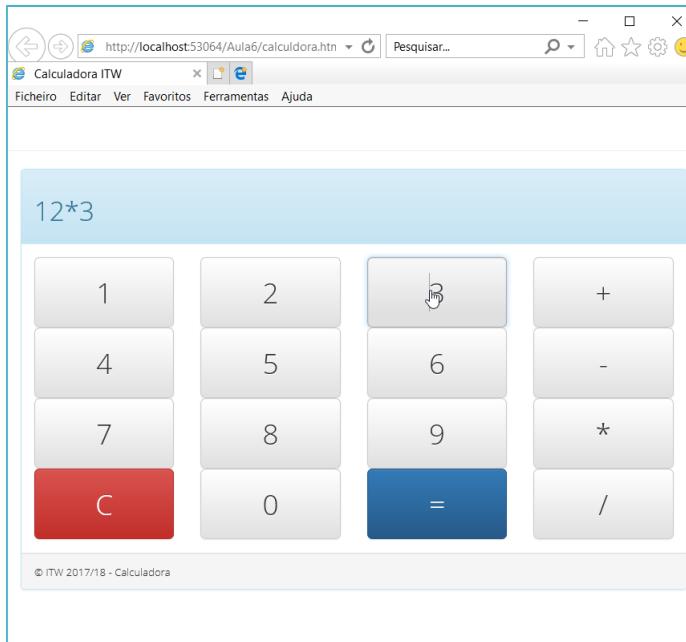
Exercício 1

Elabore uma calculadora com as operações elementares - +, -, *. /
Os operandos e a operação devem ser escritas na barra de resposta até que
seja dada a ordem de cálculo;
Acautele os problemas com a divisão;



Resultado final de um exemplo

$$12 * 3 = (36) + 5 = (41)$$



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<!DOCTYPE html>
<html>
<head>
    <title>Calculadora ITW</title>
    <meta charset="utf-8" />
    <link href="https://fonts.googleapis.com/css?family=Open+Sans:300" rel="stylesheet">
    <link href="..../Content/bootstrap.min.css" rel="stylesheet" />
    <link href="..../Content/bootstrap-theme.min.css" rel="stylesheet" />
    <link href="..../Content/font-awesome.css" rel="stylesheet" />
    <link href="calculadora.css" rel="stylesheet" />
</head>
<body>
    <div class="page-header"></div>
    <div class="col-lg-6 col-lg-offset-3 col-xs-12">
        <div class="panel panel-info">
            <div class="panel-heading"><h2 id="res">0</h2></div>
            <div class="panel-body">
                <div class="row">
                    <div class="col-sm-3"><input class="form-control btn btn-default btn-lg tecla" value="1" onclick="addNumber()" /></div>
                    <div class="col-sm-3"><input class="form-control btn btn-default btn-lg tecla" value="2" onclick="addNumber()" /></div>
                    <div class="col-sm-3"><input class="form-control btn btn-default btn-lg tecla" value="3" onclick="addNumber()" /></div>
                    <div class="col-sm-3"><input class="form-control btn btn-default btn-lg tecla" value="+" onclick="addOperation()" /></div>
                </div>
                <div class="row">
                    <div class="col-sm-3"><input class="form-control btn btn-default btn-lg tecla" value="4" onclick="addNumber()" /></div>
                    <div class="col-sm-3"><input class="form-control btn btn-default btn-lg tecla" value="5" onclick="addNumber()" /></div>
                    <div class="col-sm-3"><input class="form-control btn btn-default btn-lg tecla" value="6" onclick="addNumber()" /></div>
                    <div class="col-sm-3"><input class="form-control btn btn-default btn-lg tecla" value="-" onclick="addOperation()" /></div>
                </div>
                <div class="row">
                    <div class="col-sm-3"><input class="form-control btn btn-default btn-lg tecla" value="7" onclick="addNumber()" /></div>
                    <div class="col-sm-3"><input class="form-control btn btn-default btn-lg tecla" value="8" onclick="addNumber()" /></div>
                    <div class="col-sm-3"><input class="form-control btn btn-default btn-lg tecla" value="9" onclick="addNumber()" /></div>
                    <div class="col-sm-3"><input class="form-control btn btn-default btn-lg tecla" value="*" onclick="addOperation()" /></div>
                </div>
                <div class="row">
                    <div class="col-sm-3"><input class="form-control btn btn-danger btn-lg tecla" value="C" onclick="clearResult()" /></div>
                    <div class="col-sm-3"><input class="form-control btn btn-default btn-lg tecla" value="0" onclick="addNumber()" /></div>
                    <div class="col-sm-3"><input class="form-control btn btn-primary btn-lg tecla" value="/" onclick="calculate()" /></div>
                    <div class="col-sm-3"><input class="form-control btn btn-default btn-lg tecla" value="/" onclick="addOperation()" /></div>
                </div>
            </div>
            <div class="panel-footer"><small>&copy; ITW 2017/18 - Calculadora</small></div>
        </div>
        <script src="..../Scripts/jquery-3.2.1.min.js"></script>
        <script src="..../Scripts/bootstrap.min.js"></script>
        <script src="calculadora.js"></script>
    </body>
</html>

```

Exercício 2

Desenvolva e teste o formulário apresentado nos slides 22 e 24 da aula teórica

Exercício 3

Desenvolva o exercício relativo ao cálculo de apostas múltiplas do totobola, tal como apresentado nas páginas 29 a 33 da aula teórica

Código base disponível em:

<https://www.dropbox.com/s/ip5bvox8sn2iz68/totobola.zip?dl=0>

The screenshot shows a web browser window with the URL <http://localhost:53064/samples/sample1P/totobola.html>. The page features a blue and white striped background with silhouettes of cheering people. At the top, there's a navigation bar with icons for back, forward, search, and settings. Below the header is a table for selecting bets for 13 matches. The table has three columns: 'Jogo' (Match), '1', 'x', and '2'. Each row contains the names of two teams separated by a hyphen. To the right of each team name are three checkboxes for selecting a bet. Below the table is a section labeled 'Múltiplas:' containing a series of radio buttons and numbers from 2 to 384, likely representing different bet combinations. At the bottom, there are three input fields labeled '1's:', 'X's:', and '2's:', followed by a blue 'Jogar' button.

Jogo	1	x	2
1 Sporting-Arouca	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 Estoril-Tondela	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Moreirense-V. Setúbal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 Feirense-Belenenses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 Rio Ave-Boavista	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6 Marítimo-Braga	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 P. Ferreira-Chaves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8 Gil Vicente-Portimon.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9 Freamu -Leixões	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10 Famalicão-Fafe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11 Arsenal-Tottenham	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12 Celta-Valência	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13 Fiorentina-Sampdória	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Múltiplas:

1's: X's: 2's: Jogar