

Challenge Program (Simple Calculator)

<html>

< head >

< style >

table {

margin-left: auto;

margin-right: auto;

background-color: #810000;

}

</style>

<!-- javascript -->

<script>

function f(d)

{ if (d == 'c')

{ document.getElementById('res').Value = " ";

return;

}

res = document.getElementById('res').Value;

if (res == 0 && d == 0)

return;

if (d == '+' || d == '-' || d == '*' || d == '/')

{ op = d;

num = parseFloat(res);

document.getElementById('res').Value = d;

return;

```

}
if (d == '=')
{
    num1 = parseFloat(res);

    switch(opr)
    {
        case '+':
            ans = num + num1;
            break;

        case '-':
            ans = num - num1;
            break;

        case '*':
            ans = num * num1;
            break;

        case '/':
            ans = parseInt(num / num1);
            break;
    }

    document.getElementById('res').Value = ans;
    return;
}

if (d == '--')
{
    document.getElementById('res').Value -= 1;
    return;
}

```

```

    }
    if (!isNaN(document.getElementById('res').Value))
        document.getElementById('res').Value += d;
    else
        document.getElementById('res').Value = d;
    }

```

</script>

</head>

<body>

<h1>

<center> A SIMPLE CALCULATOR </center>

</h1>

<table border = "5px solid white">

<tbody>

<tr>

<td colspan = "4"><input type = "text" id = "res"

size = "6" onFocus = "this.blur();"></td>

</tr>

<tr>

<td><input type = "button" id = "b1" value = "1" size = "2" onclick = "f('1')"></td>

<td><input type = "button" id = "b2" value = "2" size = "2" onclick = "f('2')"></td>

<td><input type = "button" id = "b3" value = "3" size = "3" onclick = "f('3')"></td>

<td><input type = "button" id = "b4" value = "+" size = "2" onclick = "f('+')"></td>

</tr>

<tr>

<td><input type="button" id="b5" value="4" size="2"
onclick="f('4')"></td>

<td><input type="button" id="b6" value="5" size="2"
onclick="f('5')"></td>

<td><input type="button" id="b7" value="6" size="2"
onclick="f('6')"></td>

<td><input type="button" id="b8" value="7" size="2"
onclick="f('7')"></td>

</tr>

<tr>

<td><input type="button" id="b9" value="8" size="2"
onclick="f('8')"></td>

<td><input type="button" id="b10" value="9" size="2" onclick="f('9')">
</td>

<td>
<input type="button" id="b11" value="9" size="2" onclick="f('9')">
</td>

<td>
<input type="button" id="b12" value="x" size="2" onclick="f('x')">
</td>

</td>
<td>
<input type="button" id="b13" value="C" size="2" onclick="f('C')>
</td>

<td>
<input type="button" id="b14" value="0" size="2" onclick="f('0')>
</td>

<td>
<input type="button" id="b15" value="=" size="2" onclick="f('=')>
</td>

<td>
<input type="button" id="b16" value="/" size="2" onclick="f('/')>
</td>

</tr>
</tbody>

</table>

</body>

</html>