

## Aprendiz: Ricardo Javier Hernandez Verbel

GIT: [https://github.com/SR-Deif/TALLER\\_1\\_MANIPULACION\\_DOM\\_CON-JS..git](https://github.com/SR-Deif/TALLER_1_MANIPULACION_DOM_CON-JS..git)

Drive: <https://drive.google.com/drive/folders/1xbxcPfk5e8HqtW11vxhi7L2DLJ6hpE-T?usp=sharing>

Codigo JS:

Codigo usado para los nombres:

```
js js> rect
1  function longitud(){
2      var nombre=document.getElementById("resultado").value;
3      alert(nombre.length);
4  }
5
6  function minuscu(){
7      var mini=document.getElementById("minuscula").value;
8      alert(mini.toLowerCase());
9  }
10
11 function mayuscu(){
12     var mayu=document.getElementById("mayusculas").value;
13     alert(mayu.toUpperCase());
14 }
15
16 function letr(){
17     var primera=document.getElementById("letra").value;
18     alert(primera.toUpperCase()[0]);
19 }
20
```

codigo usado para los grados:

```

let celisus =document.getElementById("celsius");
let fahrenheit =document.getElementById("fahrenheit");
let kelvin =document.getElementById("kelvin");

function celafa(){
    let output=(parseFloat(celisus.value) * 9 / 5) + 32;
    fahrenheit.value = parseFloat(output.toFixed(2));
}

function celakel(){
    let output=(parseFloat(celisus.value)) + 273.15;
    kelvin.value = parseFloat(output.toFixed(2));
}

function faracel(){
    let output=(parseFloat(fahrenheit.value) - 32) * 5 / 9;
    celisus.value= parseFloat(output.toFixed(2));
}

function kelafar(){
    let output=(parseFloat(kelvin.value) - 273.15) * 9/5 + 32 ;
    fahrenheit.value= parseFloat(output.toFixed(2));
}

function farakel(){
    let output=(parseFloat(fahrenheit.value) * 9/5 - 32 ) + 273.15 ;
    kelvin.value= parseFloat(output.toFixed(2));
}

function kelacel(){
    let output=(parseFloat(kelvin.value)) - 273.15 ;
    celisus.value= parseFloat(output.toFixed(2));
}

```

codigo usado para las figuras:

```

var circulo =document.getElementById("circulo");
var circulo2 =document.getElementById("circulo2");
function result(){
    let output=(parseFloat(circulo.value) * 3.14) * 3.14 ;
    alert(output.toFixed(2));
}
function result2(){
    let output=(parseFloat(circulo2.value) * 2) * 3.14 ;
    alert(output.toFixed(2));
}
//triangulo

var area =document.getElementById("area");
var altura =document.getElementById("altura");
function tri(){
    let output=(parseFloat(area.value) * 1) + 3/4;
    alert(output.toFixed(2));
}
function tri2(){
    let output=(parseFloat(altura.value) *2) + 3/2 ;
    alert(output.toFixed(2));
}

```

codigo usado en el html:

```

<h2>longitud de Caracteres</h2>
<input type="text" name="resultado" id="resultado">
<button type="button" onclick="longitud()">Resultado</button>
<h2>Letras en Minusculas</h2>
<input type="text" name="minuscula" id="minuscula">
<button type="button" onclick="minuscu()">Resultado</button>
<h2>Letras en Mayusculas</h2>
<input type="text" name="mayusculas" id="mayusculas">
<button type="button" onclick="mayuscu()">Resultado</button>
<h2>Primera Letra</h2>
<input type="text" name="letra" id="letra">
<button type="button" onclick="letr()">Resultado</button>
<script src="js.js"></script>
</body>

```

```

    <form>
      <div class="form-group">
        <label for="recipient-name" class="col-form-label">Area:</label>
        <input type="text" class="form-control" id="circulo" placeholder="Ingresar el Area del Circulo">
      </div>
    </form>
  </div>
  <div class="modal-footer">
    <button type="button" class="btn btn-secondary" data-dismiss="modal">Cerrar</button>
    <button type="button" class="btn btn-primary" onclick="result()">Calcular</button>
  </div>
</div>
<form>
  <div class="form-group">
    <label class="col-form-label">Perimetro:</label>
    <input type="text" class="form-control" id="circulo2" >
  </div>
</form>
<div class="modal-footer">
  <button type="button" class="btn btn-secondary" data-dismiss="modal">Cerrar</button>
  <button type="button" class="btn btn-primary" onclick="result2()">Calcular</button>
</div>
</div>
</div>
</div>

```

```

    <label for="celsius">Celsius</label>
    <input type="number" id="celsius" oninput="celafa(), celakel()">
    <label for="fahrenheit">fahrenheit</label>
    <input type="number" id="fahrenheit" oninput="faracel(), farakel()">
    <label for="kelvin">kelvin</label>
    <input type="number" id="kelvin" oninput="kelafar(), kelacel()">
    <script src="js.js"></script>
  </body>

```