

## Desarrollo de Software V

### Laboratorio # 9 – Prof. Regis Rivera

Objetivo: Introducción a HTML5 y CSS3

**Instrucciones:** Crear las siguientes paginas HTML integradas con CSS y JS, asociando sus respectivos scripts.


#### Laboratorio 9.1: Almacenamiento con local storage



lab91.html

```
1 <!DOCTYPE html>
2 <html>
3 <body>
4
5 <div id="result"></div>
6
7 <script>
8 // Check browser support
9 if (typeof(Storage) !== "undefined") {
10 // Store
11 localStorage.setItem("lastname", "Smith");
12 // Retrieve
13 document.getElementById("result").innerHTML = localStorage.getItem("lastname");
14 } else {
15 document.getElementById("result").innerHTML = "Sorry, your browser does not support Web Storage...";
16 }
17 </script>
18
19 </body>
20 </html>
```

#### Laboratorio 9.2: Almacenamiento con sesiones



lab92.html

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <script>
5 function clickCounter() {
6   if (typeof(Storage) !== "undefined") {
7     if (sessionStorage.clickcount) {
8       sessionStorage.clickcount = Number(sessionStorage.clickcount)+1;
9     } else {
10      sessionStorage.clickcount = 1;
11    }
12    document.getElementById("result").innerHTML = "You have clicked the button " + sessionStorage.clickcount + " time(s) in this session.";
13   } else {
14     document.getElementById("result").innerHTML = "Sorry, your browser does not support web storage...";
15   }
16 }
17 </script>
18 </head>
19 <body>
20
21 <p><button onclick="clickCounter()" type="button">Click me!</button></p>
22 <div id="result"></div>
23 <p>Click the button to see the counter increase.</p>
24 <p>Close the browser tab (or window), and try again, and the counter is reset.</p>
25
26 </body>
27 </html>
```



lab93.html

```

1 <html>
2 <head>
3 <title>
4   Prueba de la etiqueta AUDIO en HTML5
5 </title>
6
7 <script language="javascript" src="audiotest.js"></script>
8
9 </head>
10 <body>
11
12 <audio src="audiotest.mp3" controls="controls" id="mi-audio">
13 </audio>
14
15 <p>
16   <button onclick="Reproducir()">Reproducir MP3</button>
17   <button onclick="Pausar()">Pausar MP3</button>
18   <button onclick="CrearAudioDinamicamente()">Crear Audio Dinamicamente</button>
19   <button onclick="VerOtrasPropiedades()">Otras Propiedades</button>
20 </p>
21
22 </body>
23 </html>

```

Cualquier audio que usted  
guste de tipo mp3



audiotest.js

```

1 function Reproducir(){
2   var audio = document.getElementById('mi-audio');
3   audio.play();
4 }
5
6 function Pausar(){
7   var audio = document.getElementById('mi-audio');
8   audio.pause();
9 }
10
11 function CrearAudioDinamicamente(){
12
13   var audio = document.createElement("audio");
14
15   audio.src = "audiotest2.mp3";
16
17   audio.addEventListener('ended', function () {
18
19     setTimeout(function () { audio.play(); }, 500);
20
21   }, false);
22
23   audio.play();
24
25
26 }
27
28 function VerOtrasPropiedades(){
29
30   var audio = document.getElementById('mi-audio');
31
32   var tiempo = audio.currentTime;
33   var duracion = audio.duration;
34   var estadored = audio.networkState;
35   var estado = audio.readyState;
36
37   alert("Tiempo actual de reproducción: "+tiempo);
38   alert("Duracion total del audio: "+duracion);
39   alert("Estado de red: "+estadored);
40   alert("Estado de carga: "+estado);
41
42 }

```

#### Laboratorio 9.4: Video

```
1 <html>
2 <head>
3 <title>
4   Prueba de la etiqueta VIDEO en HTML5
5 </title>
6 </head>
7 <body>
8
9   <video src="videotest.ogv" poster="videotest.jpg" width="400" height="400" controls></video>
10
11
12 </body>
13 </html>
```



lab94.html

Cualquier imagen y video que usted guste, que no supere las dimensiones

#### Laboratorio 9.5: Formularios: Búsqueda

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>busqueda</title>
5 </head>
6 <body>
7
8   <input type="search" placeholder="Buscar...">
9
10 </body>
11 </html>
```



lab95.html

#### Laboratorio 9.6: Formularios: Color

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>color</title>
5 </head>
6 <body>
7
8   <input type="color" name="color">
9   <!-- Devuelve el valor hexadecimal del color-->
10
11 </body>
12 </html>
```



lab96.html

### Laboratorio 9.7: Formularios: Color y obtener su resultado



lab97.html

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>color</title>
5      <script type="text/javascript">
6          function mostrarcolor() {
7              var x=document.getElementById("icolor");
8              alert(x.value);
9          }
10     </script>
11 </head>
12 <body>
13
14     <input type="color" name="color" id="icolor" value="#000000">
15     <!-- Devuelve el valor hexadecimal del color-->
16
17     <input type="button" onclick="mostrarcolor()" value="Mostrar Color">
18
19 </body>
20 </html>
```

### Laboratorio 9.8: Formularios: e-mail



lab98.html

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>email</title>
5  </head>
6  <body>
7
8  <form action="#">
9      <input type="email" placeholder="hola@dominio.com" required>
10     <input type="submit" />
11 </form>
12
13 </body>
14 </html>
```

### Laboratorio 9.9: Formularios: Fechas



lab99.html

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>Formularios</title>
5  </head>
6  <body>
7
8  <input max="2019-05-04" min="2019-01-15" name="date" type="date" />
9  <input name="datetime" type="datetime" />
10 <input name="datetime-local" type="datetime-local" />
11 <input name="month" type="month" />
12 <input name="week" type="week" />
13 <input name="time" type="time" />
14
15 </body>
16 </html>
```

Laboratorio 9.10: Formularios: Patrón (ExpReg)



lab910.html

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>patron</title>
5  </head>
6  <body>
7
8  <form>
9      <input title="Solo números" pattern="[0-9]*" type="text" />
10     <input type="submit" value="aceptar">
11 </form>
12
13 </body>
14 </html>
```

Laboratorio 9.11: Formularios: Requerido



lab911.html

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>requeridos</title>
5  </head>
6  <body>
7
8  <form>
9      <input name="email" required="" type="email" />
10     <input type="submit" value="aceptar">
11 </form>
12
13 </body>
14 </html>
```

### Laboratorio 9.12: Formularios: Sliders

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>sliders</title>
5  </head>
6  <body>
7
8  <div>
9      <label for="date">Number</label>
10     <input type="number" value="1" min="1" max="15">
11 </div>
12
13 <form>
14     <label for="date">Range</label>
15     <span>1</span>
16     <input id="range" type="range" name="range" min="1" max="15" step="2" value="4">
17     <span>15</span>
18     <input id="value" type="text" value="0" readonly>
19 </form>
20
21
22 </body>
23 </html>
```



lab912.html

### Laboratorio 9.13: Formularios: Teléfono

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>telefono</title>
5  </head>
6  <body>
7
8  <form>
9      <input type="tel" placeholder="6555-1212">
10 </form>
11
12 </body>
13 </html>
```



lab913.html