

HYPertext MARKUP LANGUAGE



HTML COMMENTS

- Starts with ``
- Literally does nothing



```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Document</title>
5   </head>
6   <body>
7     <!-- This text has no effect on my code.-->
8   </body>
9 </html>
```

TABLE TAG

- Wraps table data



```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>HTML Tables</title>
5   </head>
6   <body>
7     <table>
8       <!-- Table Data -->
9     </table>
10   </body>
11 </html>
```

TABLE: HEAD, BODY, FOOT

- Specifies what data show

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>HTML Tables</title>
5   </head>
6   <body>
7     <table>
8       <thead>
9         <!-- Table's Head Data -->
10      </thead>
11      <tbody>
12        <!-- Table's Body -->
13      </tbody>
14      <tfoot>
15        <!-- Table's Foot Data -->
16      </tfoot>
17    </table>
18  </body>
19 </html>
```

TABLE ROW TAG

- Specifies a row in table

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>HTML Tables</title>
5   </head>
6   <body>
7     <table>
8       <thead>
9         <tr>
10           <!-- Row Data -->
11         </tr>
12       </thead>
13       <tbody>
14         <tr>
15           <!-- Row Data -->
16         </tr>
17         <tr>
18           <!-- Row Data -->
19         </tr>
20       </tbody>
21       <tfoot>
22         <tr>
23           <!-- Row Data -->
24         </tr>
25       </tfoot>
26     </table>
27   </body>
28 </html>
```

TABLE DATA:

TH, TD

- Specifies cells and their data

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>HTML Tables</title>
5   </head>
6   <body>
7     <table border=1>
8       <thead>
9         <tr>
10          <th>Language Name</th>
11          <th>Initial Release</th>
12        </tr>
13      </thead>
14      <tbody>
15        <tr>
16          <td>HTML</td>
17          <td>1993</td>
18        </tr>
19        <tr>
20          <td>CSS</td>
21          <td>1996</td>
22        </tr>
23      </tbody>
24      <tfoot>
25        <tr>
26          <td colspan=2>
27            Both of these languages are mostly used in web.
28          </td>
29        </tr>
30      </tfoot>
31    </table>
32  </body>
33 </html>
```

A screenshot of a web browser window displaying a table and a descriptive text block.

The browser's address bar shows the URL: file:///Users/alireza/HTML_Class/01/th-td.html

The table has two columns:

Language Name	Initial Release
HTML	1993
CSS	1996

Below the table, there is a text block containing the following sentence:

Both of these languages are mostly used in web.

HTML LISTS

UNORDERED LISTS

- Has no number
- Has no order



```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>HTML Lists</title>
5   </head>
6   <body>
7     <h1>Rick and Morty: Smith Family</h1>
8     <ul>
9       <li>Rick Sanchez</li>
10      <li>Morty Smith</li>
11      <li>Summer Smith</li>
12      <li>Beth Smith</li>
13      <li>Jerry Smith</li>
14    </ul>
15  </body>
16 </html>
```



file:///Users/alireza/HTML_Class/01/ul.html



Rick and Morty: Smith Family

- Rick Sanchez
- Morty Smith
- Summer Smith
- Beth Smith
- Jerry Smith

ORDERED LISTS

- Has numbers
- Has order



```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>HTML Lists</title>
5   </head>
6   <body>
7     <h1>Best Selling Albums of The 70's</h1>
8     <ol>
9       <li>The Wall – Pink Floyd</li>
10      <li>Rumours – Fleetwood Mac</li>
11      <li>Boston – Boston</li>
12      <li>Hotel California – The Eagles</li>
13      <li>Physical Graffiti – Led Zeppelin</li>
14    </ol>
15  </body>
16 </html>
```



file:///Users/alireza/HTML_Class/01/ol.html



Best Selling Albums of The 70's

1. The Wall - Pink Floyd
2. Rumours - Fleetwood Mac
3. Boston - Boston
4. Hotel California - The Eagles
5. Physical Graffiti - Led Zeppelin

CASCADING STYLE SHEET

```
350  
351  
352 /* =Menu */  
353 -----  
354  
355 #access {  
356   display: inline-block;  
357   height: 9px;  
358   float: right;  
359   margin: 11px 28px 0px 0px;  
360   max-width: 800px;  
361 }  
362  
363 #access ul {  
364   font-size: 13px;  
365   list-style: none;  
366   margin: 0 0 0 -0.8125em;  
367   padding-left: 0;  
368   z-index: 99999;  
369   text-align: right;  
370 }  
371  
372 #access li {  
373   display: inline-block;  
374   text-align: left;  
375 }
```



HTML VS. CSS

THEY COMPLETE EACH OTHER



HTML



CSS

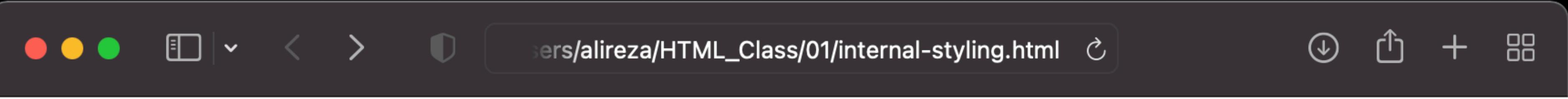
DIFFERENT METHODS OF STYLING

- Inline
- Internal
- External

INTERNAL STYLING

- Uses “style” attribute
- Used inside the “body” tag

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Internal Styling</title>
5   </head>
6   <body>
7     <h1 style="color: blue">Internal Styling</h1>
8     <p style="margin-top: 1rem;
9           padding: 5px;
10          border-radius: 5px;
11          background-color: blue;
12          color: white;">
13       We can define our styles, within an attribute called
14       `style`
15       and it will work just fine!
16     </p>
17   </body>
18 </html>
```



Internal Styling

We can define our styles, within an attribute called `style` and it will work just fine!

