

The background is a dark blue gradient with a subtle pattern of white dots. Overlaid on the left side are several concentric circles and arcs in a lighter blue color. Some of these arcs have degree markings, such as 40, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, and 260. There are also small white arrows pointing in various directions, suggesting a sense of rotation or movement.

PROGRAMACIÓN WEB

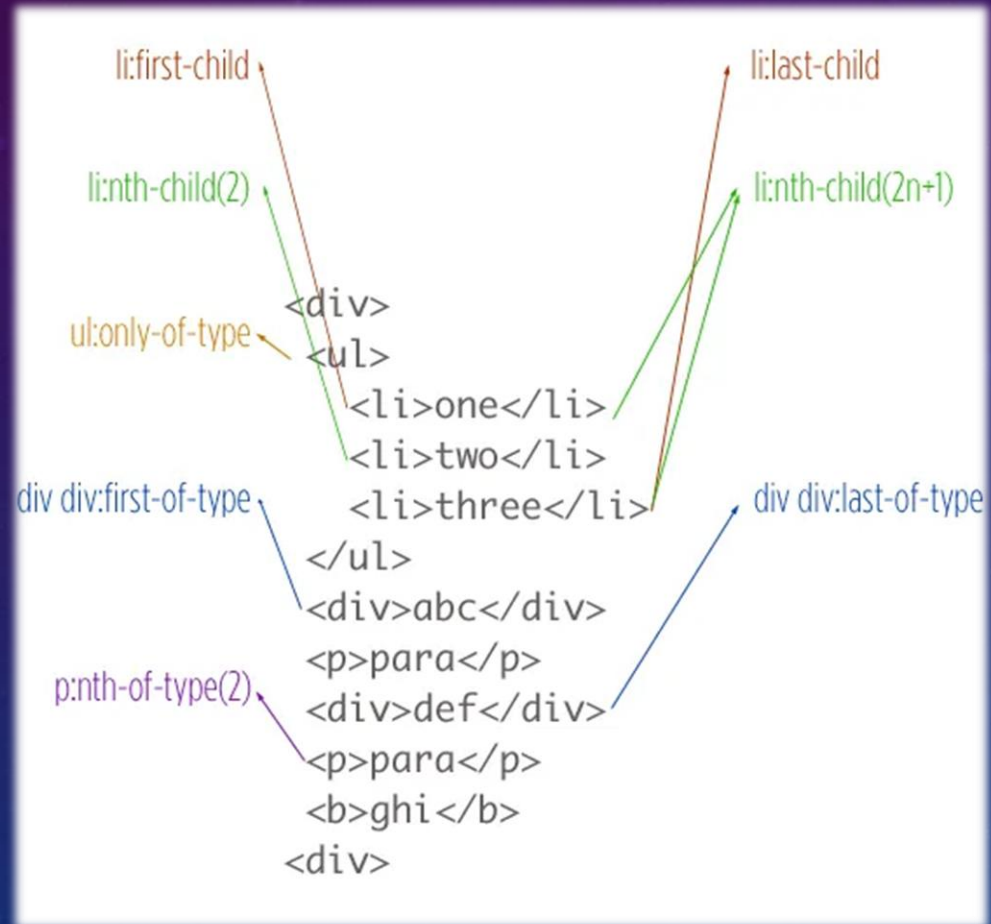
CSS 3

PSEUDO-CLASES

- Cuando existe regularidad en la localización de ciertos elementos, puedes evitar el uso de una clase.
- Las pseudo-clases seleccionan elementos condicionalmente especificados por un selector estándar.
- `th:first-of-type { color: GRAY;}`

Pseudo-Class	Description
<code>:first-of-type</code>	Selects first element in sibling group of a particular type.
<code>:last-of-type</code>	Selects last element in sibling group of a particular type.
<code>:nth-of-type ()</code>	Uses parentheses value to select an element or group of elements.

PSEUDO-CLASSES



TABLES

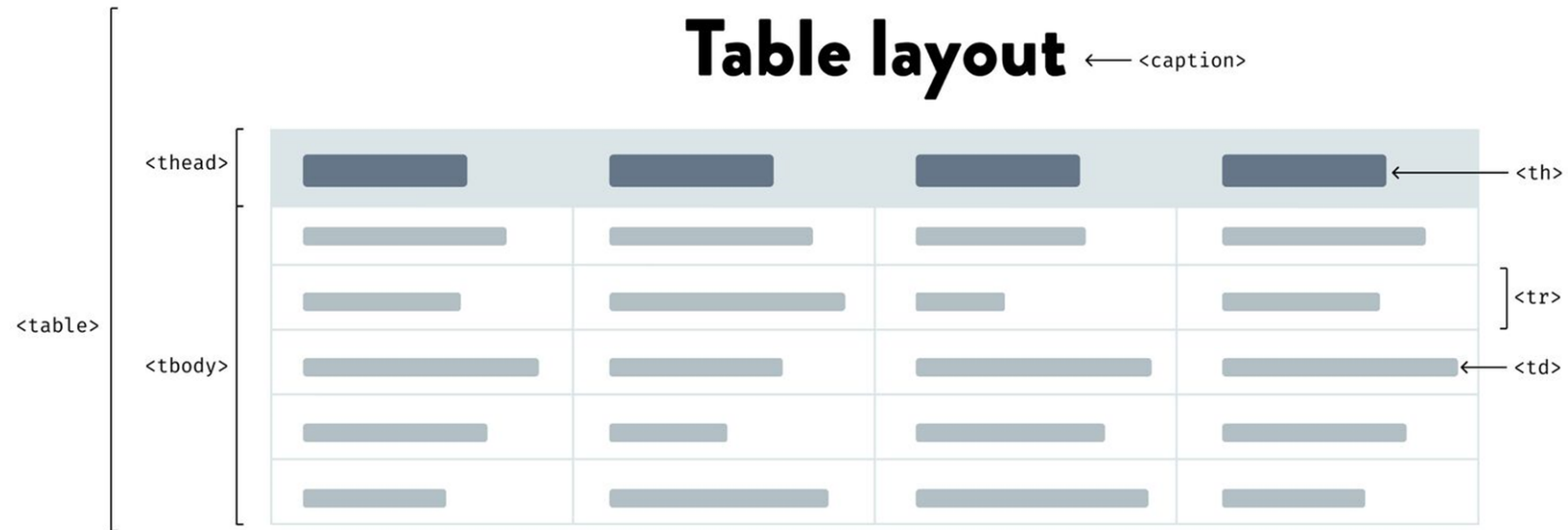


TABLE HEADERS

- `thead th {background-color: midnightblue;}`
- `tbody th {background-color: mediumvioletred;}`

Year	Temp Rank	Avg Temp (°F)
2016	1	58.98
2015	2	58.77
2014	3	58.53
2013	5	58.37
2012	9	58.33

thead holds the first row

tbody holds the subsequent rows

COLSPAN Y ROWSPAN

Eras	Events	
Mesozoic 251 to 65.5 mya	Evolutionary split between reptiles and dinosaurs	235 mya
	South America breaks away from Africa	105 mya
Cenozoic 65.5 mya to today	Modern mammals appear	40 mya
	Tool-making humanoids appear	2 mya
	First Rolling Stones reunion tour	11,000 years ago

```
<thead>
  <tr><th>Eras</th><th colspan="2">Events</th></tr>
</thead>
<tbody>
  <tr>
    <th rowspan="2">Mesozoic<br>251 to 65.5 mya</th>
    <td>Evolutionary split between reptiles and dinosaurs</td>
    <td>235 mya</td>
  </tr>
```

ACCESIBILIDAD WEB



<table>

<caption>

Grading Weights for Web Programming I

<details>

<summary>Help</summary>

The first 3 columns show weights for the 3 homework assignments.

The next 2 show weights for the 2 exams.

The last column shows the weight for staying awake during class.

</details>

</caption>

</table>



DISPLAY PROPERTY TABLE

- Las tablas no se deben utilizar para organizar una página web, pero si es necesario tienes que agregar un atributo `role="presentation"`; para evitar la ira de las políticas W3C
- `display: table;`
- `.table {display: table;}`

DISPLAY PROPERTY

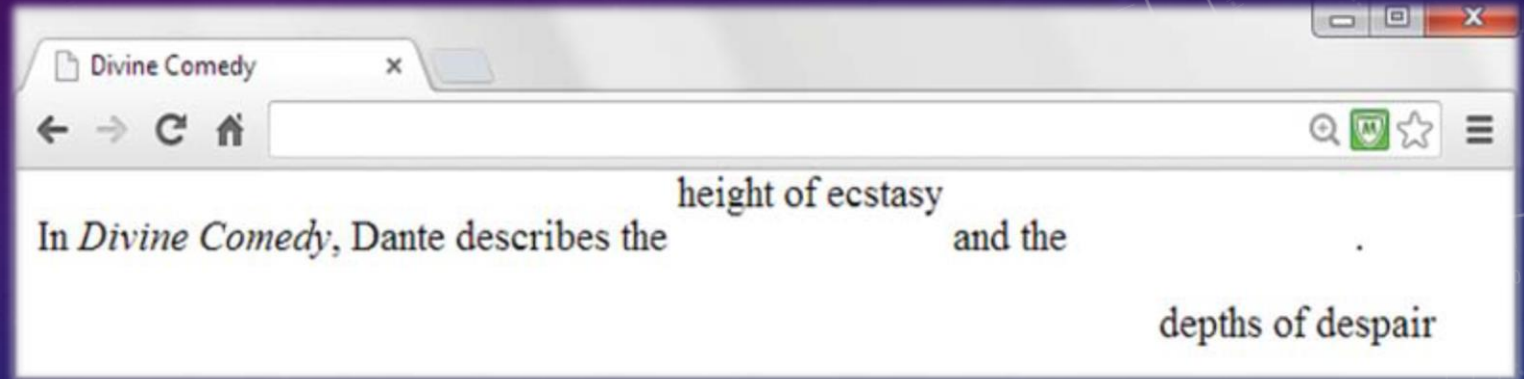
Table Values for the display Property	Description
<code>table</code>	Used to mimic a <code>table</code> element.
<code>table-caption</code>	Used to mimic a <code>caption</code> element.
<code>table-row</code>	Used to mimic a <code>tr</code> element.
<code>table-cell</code>	Used to mimic a <code>td</code> element or a <code>th</code> element.
<code>table-header-group</code>	Used to mimic a <code>thead</code> element.
<code>table-row-group</code>	Used to mimic a <code>tbody</code> element.

POSICIÓN ABSOLUTA

CSS Position Properties	Description
<code>position: absolute</code>	Tells the browser to position the element relative to the containing block. Normally, the containing block is the web page's <code>html</code> element.
<code>left: value*</code>	Specifies the distance between the containing block's left edge and the element's left edge (where left edge means at the left of any padding, border, or margin).
<code>top: value*</code>	Specifies the distance between the containing block's top edge and the element's top edge (where top edge means above any padding, border, or margin).
<code>width: value*</code>	Specifies the width of the invisible box that constrains the element's contents. The width does not include padding, border, or margin.
<code>height: value*</code>	Specifies the height of the invisible box that constrains the element's text. The height does not include padding, border, or margin.

POSICIÓN RELATIVA

```
<style>
  .up {
    position: relative;
    top: -1em;
  }
  .down {
    position: relative;
    top: 2em;
    left: 2em;
  }
</style>
<p>
  In <cite>Divine Comedy</cite>, Dante describes
  the <span class="up">height of ecstasy</span>
  and the <span class="down">depths of despair</span>.
</p>
```



PREGUNTAS

- ¿Qué función tiene “ul > li:last-of-type {background-color: palegreen;}”?
- ¿Qué función tiene “tr:nth-of-type(even) {background-color: lightblue;}”?
- ¿Qué función tiene “.row > * {display: table-cell;}”?

SECCION DE ESCRIBIR EN MENSAJE

- Escribe la regla para un borde punteado de 3 pixeles y color azul
- Escribe la regla que ponga color violeta a todas las celdas de una tabla
- Escribe la regla que coloque un margen de 5 pixeles a todas las celdas de una tabla