4.6 CSS Lists and Tables

List styles

- CSS list properties allow you to:
  - Set different list item markers for ordered lists
  - Set different list item markers for unordered lists
  - Set an image as the list item marker
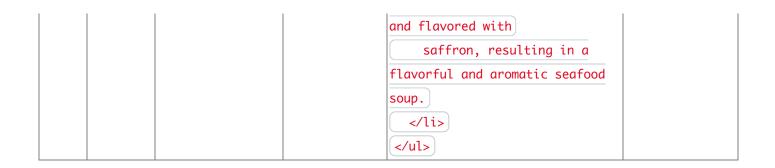 - Add background colors to lists and list items

Tag	Style	Description	Possible values	Sample code	Preview

`<ul>`, `<ol>`	`list-style-type`	• Sets the type of marker or symbol used for the items in a list.	• `disc`
			• `circle`
			• `square`
			• `upper-roman`
			• `lower-alpha`
				`<style>`
				  `#list1 {`
				    `list-style-type: circle;`
				  `}`
				  `#list2 {`
				    `list-style-type: square;`
				  `}`
				  `#list3 {`
				    `list-style-type: upper-roman;`
				  `}`
				  `#list4 {`
					Example of unordered lists:
					
					  ○ Coffee
					  ○ Tea
					  ○ Coca Cola
					
					  ▪ Coffee
					  ▪ Tea
					  ▪ Coca Cola
					
					Example of ordered lists:
					
					  I. Coffee
					  II. Tea
					  III. Coca Cola
					
					  a. Coffee
					  b. Tea
					  c. Coca Cola

| | | | ```
    list-style-type: lower-
alpha;
    }
</style>
<p>Example of unordered lists:
</p>
<ul id="list1">
    <li>Coffee</li>
    <li>Tea</li>
    <li>Coca-cola</li>
</ul>
<ul id="list2">
    <li>Coffee</li>
    <li>Tea</li>
    <li>Coca-cola</li>
</ul>
<p>Example of ordered lists:
</p>
<ol id="list3">
    <li>Coffee</li>
    <li>Tea</li>
    <li>Coca-cola</li>
</ol>
<ol id="list4">
    <li>Coffee</li>
    <li>Tea</li>
    <li>Coca-cola</li>
</ol>
``` | |
| `list-style-image` | • Set a custom image as the marker or symbol for items in a list. | • Image url | ```
<style>
    ul {
        list-style-image:
url("sqpurple.gif");
    }
</style>
<ul>
    <li>Coffee</li>
    <li>Tea</li>
    <li>Coca-cola</li>
</ul>
``` | ▪ Coffee<br>▪ Tea<br>▪ Coca Cola |

| `list-style-position` | Determines whether the marker or symbol for list items appears inside or outside the content box of the list item. | `outside` - marker or symbol for list items will appear outside the content box of the list item.

`inside` - the marker or symbol for list items will be rendered inside the content box of the list item, and the content will wrap around it. | ```<style>```
``` #list1 {```
```   list-style-position: outside;```
``` }```
``` #list2 {```
```   list-style-position: inside;```
``` }```
```</style>```
```<ul id="list1">```
``` ```
```   Coq au vin is a classic French dish made by braising chicken in red wine,```
```   typically with mushrooms, onions, bacon, and herbs, resulting in a rich and```
```   flavorful stew-like preparation.```
``` ```
``` ```
```   Crème brûlée is a luscious dessert consisting of a smooth custard topped```
```   with a layer of caramelized sugar, achieved by torching the sugar until it```
```   forms a crisp and golden crust, creating a delightful textural contrast.```
``` ```
``` ```
```   Bouillabaisse is a traditional Provençal fisherman's stew hailing from the```
```   coastal region of Marseille, typically made with various types of fish and``` | |

```
        shellfish, simmered with
tomatoes, onions, garlic, herbs,
and flavored with
        saffron, resulting in a
flavorful and aromatic seafood
soup.
    </li>
  </ul>
  <ul id="list2">
    <li>
      Coq au vin is a classic
French dish made by braising
chicken in red wine,
        typically with mushrooms,
onions, bacon, and herbs,
resulting in a rich and
        flavorful stew-like
preparation.
    </li>
    <li>
      Crème brûlée is a luscious
dessert consisting of a smooth
custard topped
        with a layer of caramelized
sugar, achieved by torching the
sugar until it
        forms a crisp and golden
crust, creating a delightful
textural contrast.
    </li>
    <li>
      Bouillabaisse is a
traditional Provençal
fisherman's stew hailing from
the
        coastal region of
Marseille, typically made with
various types of fish and
        shellfish, simmered with
tomatoes, onions, garlic, herbs,
```

				and flavored with
				saffron, resulting in a
				flavorful and aromatic seafood
				soup.
				`</li>`
				`</ul>`

Table styles

Adding table borders

See the **discussion on borders (https://kodego.instructure.com/courses/379/pages/4-dot-4-css-margins-padding-and-borders)** !

Table sizing

- The width and height of a table are defined by the `width` and `height` properties.
- The example below sets the width of the table to 100%, and the height of the `<th>` elements to 70px:

```
table {
  width: 100%;
}
```

```
th {
  height: 70px;
}
```

- To create a table that should only span half the page, use `width: 50%`.

```
table {
  width: 50%;
}
```

Specialized table designs

Single border table

- Add the `border-bottom` property to `<th>` and `<td>` for horizontal dividers:

```
th, td {
  border-bottom: 1px solid #ddd;
}
```

Firstname	Lastname	Savings
Peter	Griffin	$100
Lois	Griffin	$150
Joe	Swanson	$300
Cleveland	Brown	$250

Hoverable tables

- Use the `:hover` selector on `<tr>` to highlight table rows on mouse over

  `tr:hover {background-color: coral;}`

First Name	Last Name	Savings
Peter	Griffin	$100
Lois	Griffin	$150
Joe	Swanson	$300

Striped tables

- For zebra-striped tables, use the `nth-child()` selector and add a `background-color` to all even (or odd) table rows:

  `tr:nth-child(even) {background-color: #f2f2f2;}`

First Name	Last Name	Savings
Peter	Griffin	$100
Lois	Griffin	$150
Joe	Swanson	$300

Additional Material

- **References**
  - W3Schools