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Lists

List Marker Style

- **list-style-type** is used for defining the marker style
- For **unordered** lists, the following values can be used:

- none
- disc
- circle
- square

none
disc
circle
square

• none
• **disc**
• circle
• square

○ none
○ disc
○ **circle**
○ square

■ none
■ disc
■ circle
■ **square**

- For **ordered** lists, the following values can be used:
 - decimal
 - decimal-leading-zero
 - lower-alpha
 - upper-alpha
 - lower-roman
 - upper-roman

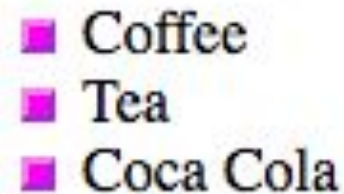
```
<ul id="unordered">  
  <li>none</li>  
  <li>disc</li>  
  <li>circle</li>  
  <li>square</li>  
</ul>
```

```
#unordered {  
  list-style-type: square;  
}
```

Image as List Marker

- Use **list-style-image** to set an image as a list marker
- Property value should be the path to the image

```
<ul id="image-marker">  
  <li>Coffee</li>  
  <li>Tea</li>  
  <li>Coca Cola</li>  
</ul>
```



```
ul#image-marker {  
  list-style-image: url(https://www.w3schools.com/cssref/sqpurple.gif)  
}
```

Positioning the Marker

- Lists are indented by default
- Use **list-style-position** to define whether the marker should appear on the inside or the outside of the box containing the main points
- Two values are supported:
 - **outside** (default)
 - **inside**

- Lorem ipsum dolor sit amet consectetur, adipisicing elit.
- Lorem ipsum dolor sit amet consectetur, adipisicing elit.
- Lorem ipsum dolor sit amet consectetur, adipisicing elit.

- Lorem ipsum dolor sit amet consectetur, adipisicing elit.
- Lorem ipsum dolor sit amet consectetur, adipisicing elit.
- Lorem ipsum dolor sit amet consectetur, adipisicing elit.

```
ul#bullets-inside {  
    width: 150px;  
    list-style-position: inside;  
}  
  
ul#bullets-outside {  
    width: 150px;  
    list-style-position: outside;  
}
```

List Style Shorthand

- Marker style, image and position can be expressed using just one property
- **list-style** is shorthand property for list markers

```
ul#shorthand {  
  list-style: inside circle;  
}
```

- Lorem ipsum dolor sit amet consectetur, adipisicing elit.
- Lorem ipsum dolor sit amet consectetur, adipisicing elit.
- Lorem ipsum dolor sit amet consectetur, adipisicing elit.

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Exercise

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Tables

Table Styling

- Many common properties can be used on tables:
 - width
 - padding
 - text-transform
 - letter-spacing, font-size
 - border-top, border-bottom
 - text-align
 - background-color
 - :hover
- Some tips for styling a table:
 - Give cellpadding
 - Distinguish headings
 - Shade even/odd rows
 - Align numbers to the right

Basic Table

Firstname	Lastname	Email	Age	Earnings
John	Doe	john@example.com	32	\$34,234.56
Mary	Moe	mary@example.com	42	\$54,345.78
July	Dooley	july@example.com	60	\$87,673.12
Mag	Simpson	mag@gmail.com	1	\$5.23

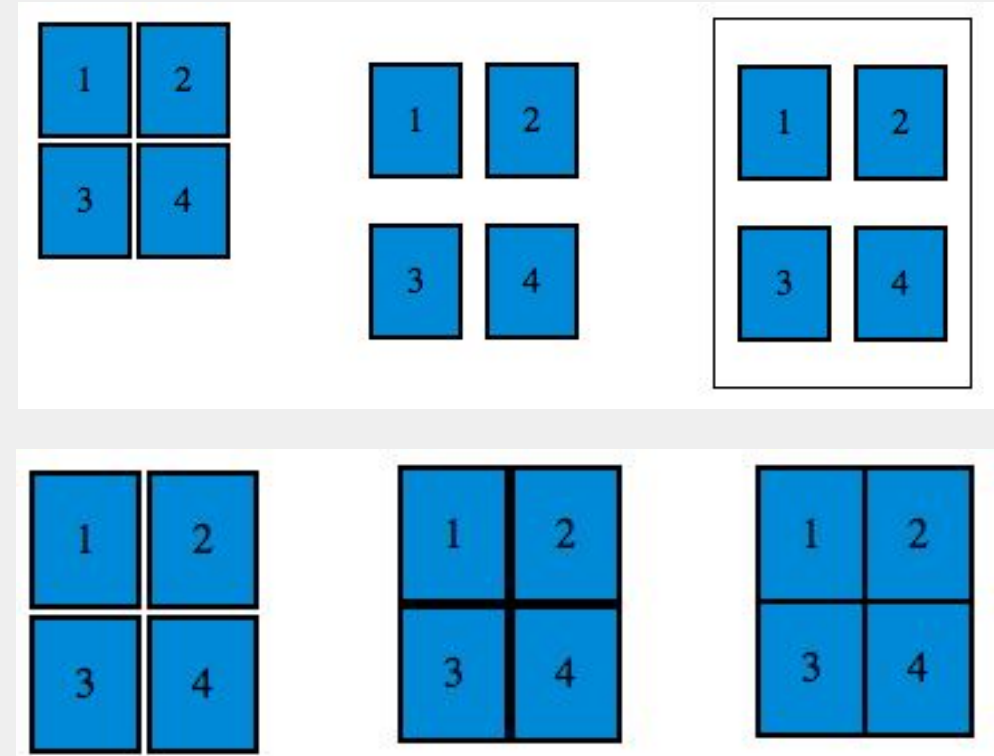
Gap Between Table Cells

- Use **border-spacing** to control the distance between cells
- The value is defined in **px**

```
table#one {  
  border-spacing: 10px 20px;  
}
```

- Use **border-collapse** property with **collapse** value to specify that cells should not have any spacing between them

```
table#two {  
  border-collapse: collapse;  
}
```



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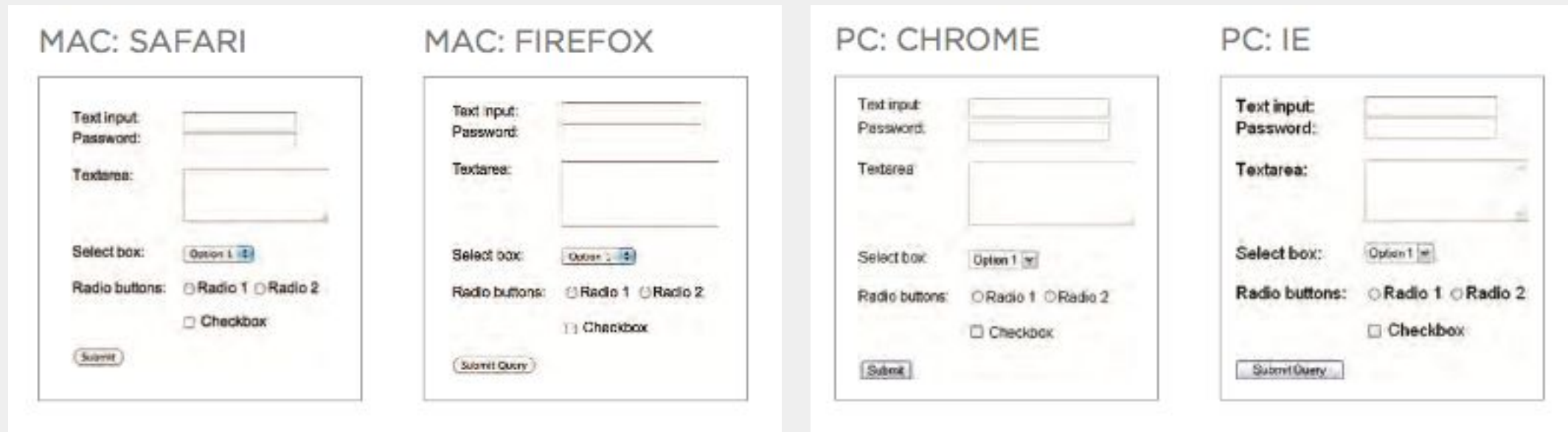
Exercise

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Form Elements

Styling Forms

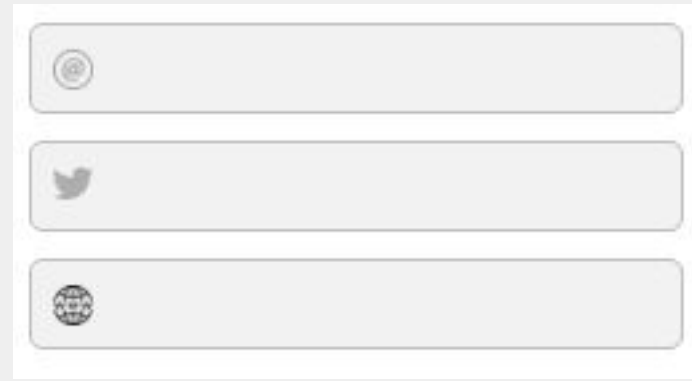
- Default style of form elements is different across browsers



- Use a normalizer
 - <http://neocolas.github.io/normalize.css/>

Text Inputs

- Text inputs are just box elements
- To style them, common properties can be used:
 - font-size
 - color
 - background-color
 - border
 - border-radius
- **:focus** pseudo-class can be used to define style when input is being used
- **:hover** pseudo-class defines input style when the user hovers over it
- **background-image** adds a background image to the box



```
input {
  font-size: 120%;
  color: #5a5854;
  background-color: #f2f2f2;
  border: 1px solid #bdbdbd;
  border-radius: 5px;
  padding: 5px 5px 5px 30px;
  background-repeat: no-repeat;
  background-position: 8px 9px;
  display: block;
  margin-bottom: 10px;
}

input:focus {
  background-color: #ffffff;
  border: 1px solid #b1e1e4;
}

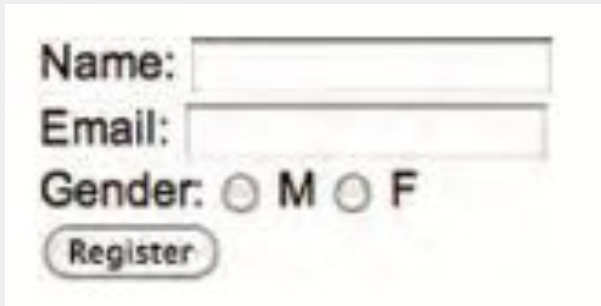
input#email {
  background-image: url("images/email.png");
}

input#twitter {
  background-image: url("images/twitter.png");
}

input#web {
  background-image: url("images/web.png");
}
```

Aligning Form Elements

- Labels for form elements are often different lengths



A screenshot of a web form where the labels 'Name:', 'Email:', and 'Gender:' are left-aligned. The 'Name' and 'Email' labels are followed by text input fields. The 'Gender' label is followed by two radio buttons labeled 'M' and 'F'. A 'Register' button is at the bottom. The labels are of different lengths, causing the inputs to be misaligned.

- Create a class to define width and use that class on each label

























```
.title {  
  width: 100px;  
  text-align: right;  
  padding-right: 10px;  
}
```



A screenshot of the same web form as before, but now the labels 'Name:', 'Email:', and 'Gender:' are right-aligned within a 100px width. This makes the input fields for 'Name' and 'Email' start at the same horizontal position, and the 'Gender' label is also aligned with them. The 'Register' button remains at the bottom.

Cursor Style

- Use **cursor** property to specify the type of the mouse cursor
- Usually used in combination with hover
- Some of supported values:
 - auto
 - crosshair
 - default
 - pointer
 - move
 - text
 - wait
 - help
 - url("cursor.gif")

 auto	 move	 no-drop	 col-resize
 all-scroll	 pointer	 not-allowed	 row-resize
 crosshair	 progress	 e-resize	 ne-resize
 default	 text	 n-resize	 nw-resize
 help	 vertical-text	 s-resize	 se-resize
 inherit	 wait	 w-resize	 sw-resize

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Summary

- List markers can be given different appearances using the **list-style-type** and **list-style** image properties.
- Table cells can have different borders and spacing in different browsers, but there are properties you can use to control them and make them more consistent.
- Forms are easier to use if the form controls are vertically aligned using CSS.
- Forms benefit from styles that make them feel more interactive.

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