Module 4

HTML Lists

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Agenda

HTML LISTS

- There are 2 kinds of lists in HTML: **unordered** or **bulleted** lists and **ordered** or **numbered** lists.

  TAG PAIR

- An **unordered list** contains a list of items that don't need to be in a particular order.
- The **
** and **
** tags are used to create unordered or bulleted lists.
- Items in the lists are added by using the **
** and **
** tags.

  TAG PAIR

```html
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>HTML Lists</title>
5      </head>
6      <body>
7          <h1>Most Popular Web Browsers</h1>
8          <ul>
9              <li>Mozilla Firefox</li>
10             <li>Google Chrome</li>
11             <li>Opera Browser</li>
12             <li>Microsoft Edge</li>
13             <li>Safari Browser</li>
14         </ul>
15     </body>
16 </html>
```

  TAG PAIR

- An **ordered list** is useful for presenting a series of steps that the user should perform in order.
- The **
** and **
** tags are used to create ordered lists or numbered lists.

  TAG PAIR

```
1   <!DOCTYPE html>
2   <html>
3       <head>
4           <title>HTML Lists</title>
5       </head>
6       <body>
7           <h1>Phases of Web Development Life Cycle</h1>
8           <ol>
9               <li>Planning</li>
10              <li>Analysis</li>
11              <li>Design</li>
12              <li>Development</li>
13              <li>Testing</li>
14              <li>Implementation</li>
15              <li>Maintenance</li>
16          </ol>
17      </body>
18  </html>
```

CSS List Properties

CSS List Properties

- 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

list-style-type PROPERTY

- The **list-style-type** property is used to define the style of the list item marker.
- The following values below explains how to change the marker for unordered list items.

1. The **disc** value sets the list item marker to a bullet
2. The **circle** value sets the list item marker to a circle
3. The **square** value sets the list item marker to a square
4. The **none** value will not display markers on list items

disc VALUE

```html
<body>
    <h1>Most Popular Web Browsers</h1>
    <ul style="list-style-type: disc;">
        <li>Mozilla Firefox</li>
        <li>Google Chrome</li>
        <li>Opera Browser</li>
        <li>Microsoft Edge</li>
        <li>Safari Browser</li>
    </ul>
</body>
```

Most Popular Web Browsers

- Mozilla Firefox
- Google Chrome
- Opera Browser
- Microsoft Edge
- Safari Browser

circle VALUE

```html
<body>
    <h1>Most Popular Web Browsers</h1>
    <ul style="list-style-type: circle;">
        <li>Mozilla Firefox</li>
        <li>Google Chrome</li>
        <li>Opera Browser</li>
        <li>Microsoft Edge</li>
        <li>Safari Browser</li>
    </ul>
</body>
```

Most Popular Web Browsers

- Mozilla Firefox
- Google Chrome
- Opera Browser
- Microsoft Edge
- Safari Browser

square VALUE

```html
<body>
    <h1>Most Popular Web Browsers</h1>
    <ul style="list-style-type: square;">
        <li>Mozilla Firefox</li>
        <li>Google Chrome</li>
        <li>Opera Browser</li>
        <li>Microsoft Edge</li>
        <li>Safari Browser</li>
    </ul>
</body>
```

Most Popular Web Browsers

- Mozilla Firefox
- Google Chrome
- Opera Browser
- Microsoft Edge
- Safari Browser

none VALUE

```html
<body>
    <h1>Most Popular Web Browsers</h1>
    <ul style="list-style-type: none;">
        <li>Mozilla Firefox</li>
        <li>Google Chrome</li>
        <li>Opera Browser</li>
        <li>Microsoft Edge</li>
        <li>Safari Browser</li>
    </ul>
</body>
```

Most Popular Web Browsers

Mozilla Firefox
Google Chrome
Opera Browser
Microsoft Edge
Safari Browser

list-style-type PROPERTY

- The following values sets the marker for ordered list items.

1. The **lower-alpha** value is used to set the marker of a list item in lowercase letters.
2. The **upper-alpha** value is used to set the marker of a list item in lowercase letters.
3. The **lower-roman** value is used to set the marker of a list item in lowercase roman numbers.
4. The **upper-roman** value is used to set the marker of a list item in lowercase roman numbers.

lower-alpha VALUE

```html
<body>
    <h1>Phases of WDLC</h1>
    <ol style="list-style-type: lower-alpha;">
        <li>Planning</li>
        <li>Analysis</li>
        <li>Design</li>
        <li>Development</li>
        <li>Testing</li>
        <li>Implementation</li>
        <li>Maintenance</li>
    </ol>
</body>
```

Phases of WDLC

a. Planning
b. Analysis
c. Design
d. Development
e. Testing
f. Implementation
g. Maintenance

upper-alpha VALUE

```html
<body>
    <h1>Phases of WDLC</h1>
    <ol style="list-style-type: upper-alpha;">
        <li>Planning</li>
        <li>Analysis</li>
        <li>Design</li>
        <li>Development</li>
        <li>Testing</li>
        <li>Implementation</li>
        <li>Maintenance</li>
    </ol>
</body>
```

Phases of WDLC

A. Planning
B. Analysis
C. Design
D. Development
E. Testing
F. Implementation
G. Maintenance

lower-roman VALUE

```html
<body>
    <h1>Phases of WDLC</h1>
    <ol style="list-style-type: lower-roman;">
        <li>Planning</li>
        <li>Analysis</li>
        <li>Design</li>
        <li>Development</li>
        <li>Testing</li>
        <li>Implementation</li>
        <li>Maintenance</li>
    </ol>
</body>
```

Phases of WDLC

i. Planning
ii. Analysis
iii. Design
iv. Development
v. Testing
vi. Implementation
vii. Maintenance

upper-roman VALUE

```html
<body>
    <h1>Phases of WDLC</h1>
    <ol style="list-style-type: upper-roman;">
        <li>Planning</li>
        <li>Analysis</li>
        <li>Design</li>
        <li>Development</li>
        <li>Testing</li>
        <li>Implementation</li>
        <li>Maintenance</li>
    </ol>
</body>
```

Phases of WDLC

I. Planning
II. Analysis
III. Design
IV. Development
V. Testing
VI. Implementation
VII. Maintenance

list-style-image PROPERTY

- The **list-style-image** property used to specify an image as the list item marker in unordered lists.

```
<ul style = "list-style-image:url('image.jpg')">
    <li>item 1</li>
    <li>item 2</li>
</ul>
```

list-style-image PROPERTY

```
<body>
    <h1>Most Popular Web Browsers</h1>
    <ul style="list-style-image: url('checkmarker.png');">
        <li>Mozilla Firefox</li>
        <li>Google Chrome</li>
        <li>Opera Browser</li>
        <li>Microsoft Edge</li>
        <li>Safari Browser</li>
    </ul>
</body>
```

Most Popular Web Browsers

✓ Mozilla Firefox

✓ Google Chrome

✓ Opera Browser

✓ Microsoft Edge

✓ Safari Browser

list-style-position PROPERTY

- The **list-style-position** property specifies the position of the list item marker in unordered lists.
- The **outside** value means that the bullet points will be outside the list item. The start of each line of a list item will be aligned vertically.
- The **inside** value means that the bullet points will be inside the list item. The list item will be part of the text and push the text at the start.

outside VALUE

```html
<body>
    <h3>To create a web page:</h3>
    <ol style="List-style-position: outside;">
        <li>Open a Text Editor (Notepad) or Source Code
        Editor (Sublime Text) program.</li>
        <li>Save the file as .html. (File - save as -
        select HTML)</li>
        <li>Write your HTML codes</li>
        <li>Double-click on the saved file, and it will be
        opened in your default browser.</li>
    </ol>
</body>
```

To create a web page:

1. Open a Text Editor (Notepad) or Source Code Editor (Sublime Text) program.
2. Save the file as .html. (File – save as – select HTML)
3. Write your HTML codes
4. Double-click on the saved file, and it will be opened in your default browser.

inside VALUE

```html
<body>
    <h3>To create a web page:</h3>
    <ol style="list-style-position: inside;">
        <li>Open a Text Editor (Notepad) or Source Code
        Editor (Sublime Text) program.</li>
        <li>Save the file as .html. (File – save as –
        select HTML)</li>
        <li>Write your HTML codes</li>
        <li>Double-click on the saved file, and it will be
        opened in your default browser.</li>
    </ol>
</body>
```

To create a web page:

1. Open a Text Editor (Notepad) or Source Code Editor (Sublime Text) program.
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list-style PROPERTY

- The **list-style** property is a shorthand property. It is use to set all the list properties in one declaration.
- When using the shorthand property, the order of the property values are:
  1. list-style-type
  2. list-style-position
  3. list-style-image

start ATTRIBUTE

- The **start** attribute of the <ol> tag pair defines the start of the counting from specified number.

start ATTRIBUTE

```html
<body>
    <h3>To create a web page:</h3>
    <ol start="10">
        <li>Open a Text Editor (Notepad) or Source Code
        Editor (Sublime Text) program.</li>
        <li>Save the file as .html. (File - save as -
        select HTML)</li>
        <li>Write your HTML codes</li>
        <li>Double-click on the saved file, and it will be
        opened in your default browser.</li>
    </ol>
</body>
```

To create a web page:

10. Open a Text Editor (Notepad) or Source Code
    Editor (Sublime Text) program.
11. Save the file as .html. (File – save as – select
    HTML)
12. Write your HTML codes
13. Double-click on the saved file, and it will be
    opened in your default browser.

Description List

Inserting Description List

- HTML also supports description lists.
- A **description list** is a list of terms, with a description of each term.
- The **<dl> </dl>** tag pair defines the description list.
- The **<dt> </dt>** tag pair defines the term (name).
- The **<dd> </dd>** tag pair describes each term.

DESCRIPTION LIST

```html
<body>
    <h2>Description List</h2>
    <dl>
        <dt>Web Page</dt>
            <dd>is a document commonly written in HTML
            that is accessible through the internet or
            other network using a web browser.</dd>
        <dt>Website</dt>
            <dd>is a collection of related web pages,
            including multimedia content, typically
            identified with a common domain name, and
            published on at least one web server.</dd>
    </dl>
</body>
```

Description List

Web Page
    is a document commonly written in HTML that is accessible through the internet or other network using a web browser.

Website
    is a collection of related web pages, including multimedia content, typically identified with a common domain name, and published on at least one web server.

Thank you!