Web Basics – HTML 5

Lesson 4. List

Lesson Objectives

- In this lesson, you will learn about:
  - Numbered List
  - Bulleted List

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HTML provides support for ordered, unordered and other types of lists

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4.1: Numbered List

Numbered List

- List of items can be numbered or ordered is called numbered/ordered List
- Tags can be used for creating ordered list are:
  -
  - <li
- tag
  - Defines a list item.
  - Should be used as a child tag of either <OL> or <UL> tag.
- tag
  - defines an ordered list.
  - An ordered list can be numerical or alphabetical.
  - Attributes in <ol> tag are
    - start
    - type

Numbered List:

HTML enables you to create a numbered, or ordered list that will automatically generate numbers in front of each item in the list.

The number placed in front of an item depends on the location of the item in the list.

At the beginning of the list, place the <OL> (for ordered list) tag. At the end of the list, place the </OL> tag and in front of each item in the list, place the <LI> (for list item) tag.

End tag for<LI> is optional.

4.1: Numbered List

Example

- **Example (Code)**
- **Output**

```
<!DOCTYPE html>
   <html>
        <body>
           <h2>My favorite cricket teams</h2>
           <ol>
                 <li>INDIA</li>
                 <li>SRILANKA</li>
           </ol>
        </body>
   </html>
```

My favorite cricket teams

1. INDIA
2. SRILANKA

4.1: Numbered List
Attributes in <OL> tag

- Type Attribute:
  - Specifies the kind of marked to use in the list
  - Valid values for the Type Attribute
    - A-Uppercase letters
    - a-Lowercase letters
    - I-Uppercase Roman letters
    - i-Lowercase Roman letters
    - 1-Standard numbers, default
- Start Attribute
  - Specifies the start value of an ordered list

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End tag for<LI> is optional.

4.1: Numbered List
Example

- Example:

```
<!DOCTYPE html>
<html>
    <body>
        <h2>My favorite cricket teams<h2>
        <ol start="2" type="a">
            <li>INDIA
            <li>SRILANKA
            <li>PAKISTAN
            <li>AUSTRALIA
            <li>SOUTH AFRICA
        <ol>
    </body>
</html>
```

- **Output**

My favorite cricket teams

  b. INDIA
  c. SRILANKA
  d. PAKISTAN
  e. AUSTRALIA
  f. SOUTH AFRICA

4.1: Numbered List
Demo

- NumberedList.html

4.2: Bulleted List
Bulleted List

- List of items prefixed with bullets is called Bulleted /Unordered List
- tag
  - defines an unordered list.
  - An unordered list items will be marked with bullets (small black circles).

  - **Example**

    ```
    <!DOCTYPE html>
    <html>
      <body>
              <h2>My favorite cricket teams</h2>
              <ul>
                      <li>INDIA</li>
                      <li>SRILANKA</li>
              </ul>
      </body>
    </html>
    ```

  - **Output**

    My favorite cricket teams

    - INDIA
    - SRILANKA

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Numbered List:

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The number placed in front of an item depends on the location of the item in the list.

At the beginning of the list, place the <OL> (for ordered list) tag. At the end of the list, place the </OL> tag and in front of each item in the list, place the <LI> (for list item) tag.

End tag for<LI> is optional.

4.2: Bulleted List
Attributes in <UL> tag

- Style Attribute:
  - Can be used in <UL> tag to define the style of the marker.

Style Attribute Value	Description
list-style-type:disc	The list items will be marked with bullets (default)
list-style-type:circle	The list items will be marked with circles
list-style-type:square	The list items will be marked with squares
list-style-type:none	The list items will not be marked
list-style-image: url('logo.gif');	The list items will be marked with an image

- Example
  - <UL style="list-style-type:circle"> will be used to prefix unordered list of items with square.

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At the beginning of the list, place the <OL> (for ordered list) tag. At the end of the list, place the </OL> tag and in front of each item in the list, place the <LI> (for list item) tag.

End tag for<LI> is optional.

4.2: Bulleted List
Example (Code):

- Example

```
<!DOCTYPE html>
<html>
    <body>
                <h2>My favorite cricket
teams</h2>
                <ul style="list-style-
type:square">
                        <li>INDIA</li>
                        <li>SRILANKA</li>
                </ul>
        </body>
</html>
```

- Output

My favorite cricket teams

- INDIA
- SRILANKA

Numbered List:

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The number placed in front of an item depends on the location of the item in the list.

At the beginning of the list, place the <OL> (for ordered list) tag. At the end of the list, place the </OL> tag and in front of each item in the list, place the <LI> (for list item) tag.

End tag for<LI> is optional.

4.2 Bulleted List
Demo

- BulletedList.html

Lab

- Lab 3

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Lesson Summary

- In this lesson, you have learnt about:
  - Types of available list items
  - Create bulleted, numbered and glossary listed items

Summary

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Review Question: Questions

- Question 1:Which tag is used at the beginning of an Ordered List
  -
  -
  -

- Question 2:To create a bulleted list <UL> tag is used
  - True/ False

- Question 3:_____ attribute is used to modify the appearance of bullets

Review Question: Match the Following

1. <dd>	a. 1-Standard numbers
2. <dt>	b. Square Form
3. <ol type=I>	c. A-Uppercase letters
4. <ol type=A>	d. I-Uppercase Roman letters
5. <ol type=1>	e. Data Definition
6.	f. Data Term

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