Lists in HTML

Overview

Lists are used to **group together** related pieces of information, so they are clearly associated with each other and easy to read. Lists are good from a **structural** point of view as they help create a well-structured, more accessible, easy maintain document.

❖ HTML supports **ordered**, **unordered** and **definition** lists.

Unordered Lists

It is used to group a set of related items in **no particular order**. Unordered lists are used when the numbering of items is not required. By default, the items are followed by **bullets**.

They are defined using the **< ul > tag,** and the ** tag** is used for each list item.

```
<!DOCTYPE html>
<html>
        <head>
                <title>Unordered Lists</title>
        </head>
        <body>
                <h1>Lists</h1>

        <ul>
                <li> first item </li>
                <li> second item </li>
                <li> third item </li>
        </ul>

        </body>
</html>
```

Browser :

Lists

- first item
- second item
- third item

HTML provides an interesting feature to **change the style of the list item marker.**

There are 4 types of style in unordered lists:

- **type="disc"** - sets the list item marker to a bullet (default)
○ **type="circle"** - sets the list item marker to a circle
■ **type="square"** - sets the list item marker to a square
type="none" - the lists items will not be marked

NOTE : The above styles can be produced by using the **type** attribute. However, this attribute is now not **supported in HTML5,** and you now need to change the style using CSS(we will learn later about it).

Ordered Lists

It is used to group a set of related items in a **specific order**. Ordered lists are used when the numbering of items is required. By default, the items are followed by **numerical numbering.**

They are defined using the <ol> tag, and the ** tag** is used for each list item.

```
<h1>Lists</h1>

    <ol>
        <li> first item </li>
        <li> second item </li>
        <li> third item </li>
    </ol>
```

Lists

1. first item
2. second item
3. third item

Browser :

Similarly, like the unordered lists, there are also different ways to number the ordered lists using the **type** attribute.

1.   **type="1"** - The list items will be numbered with numbers (default)

A.   **type="A"** - The list items will be numbered with uppercase letters

a.   **type="a"** - The list items will be numbered with lowercase letters

I.   **type="I"** - List items will be numbered with uppercase roman numbers

i.   **type="i"** - The list items will be numbered with lowercase roman numbers

NOTE : If you want to **change the starting numbering** of the list, then the **start** attribute is used.
So, if we change <ol> to <ol start="7" >.

Output :

Description Lists

A definition list is not a list of items. This is a list of terms and explanations of the terms.

A definition list starts with the **<dl> tag**. Each definition - list term starts with the **<dt> tag**. Each definition - list definition starts with the **<dd> tag**.

Description lists are very specific in use compared to ordered and unordered lists and hence are significantly less used. But whenever, a structure like a list of terms and their description is required, the description lists are the perfect elements.

```
<h2>Description List</h2>
    <dl>
        <dt>Coffee</dt>
            <dd>- black hot drink</dd>
        <dt>Milk</dt>
            <dd>- white cold drink</dd>
    </dl>
```

A Description List

Coffee
- black hot drink
Milk
- white cold drink

Output :