GEEKSFORGEEKS

How to implement various types of lists in HTML ?

In this article, we will see the HTML List & their types along with their implementation. The List can be used to store the information in short, either in bulleted form or numbered format, that visually help to look at a glance. In other words, it is used to group together related items or lists, & used to structure and show important information where each list item is displayed on the new line.

HTML lists allow the content to follow a proper semantic structure. All the tags in the list require opening and closing tags. There are 3 types of lists in HTML, namely:

Unordered List

Ordered List
Description List
We will explore all the List types in HTML, along with their implementation through the examples.

Unordered List: An Unordered list is used to create a list of related items, in bulleted or unordered format. It starts with the <ul> tag, followed by the <li> tag to show list items inside <ul> tag.

Syntax:

```
<ul>
   <li>Item1</li>
   ...
</ul>
```

We can also use different CSS properties to create a list with different styles. It can have

one of the following values :

circle: It gives a circle list item marker.
square: It gives square as list item marker.
disc: This is the default filled circular bullet item marker.
none: This is used to unmark list items.
Example 1: This example describes the Unordered List in HTML.

HTML
<!DOCTYPE html>

<html>

<head>

   <title>HTML Lists</title>

</head>

```html
<body>

    <h2>GeeksforGeeks</h2>

    <h4>HTML Unordered List</h4>

    <h4>Coding Language</h4>

    <ul>

        <li>C</li>

        <li>C++</li>

        <li>Core-Java</li>

        <li>Python</li>

        <li>Javascript</li>

    </ul>
```

```
</body>
```

```
</html>
```

Output:

Unordered List

Example 2: In this example, we will create an
unordered list with a square list item marker.

HTML
```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```html
<title>HTML Lists</title>

</head>

<body>

    <h2>GeeksforGeeks</h2>

    <h4>HTML Unordered List</h4>

    <h4>Coding Language</h4>

    <ul style="list-style-type:square;">

        <li>C</li>

        <li>C++</li>

        <li>Core-Java</li>

        <li>Python</li>
```

```html
        <li>Javascript</li>

    </ul>

</body>


</html>
```

Output:

Unordered List with square type

Ordered Lists: The Ordered lists have an order which is either numerical or alphabetical. The <ol> tag is used to create ordered lists in HTML and just like unordered list, we use <li> tag to define or show lists inside <ol> tag.

Syntax:

```
<ol>
  <li>Item1</li>
  <li>Item2</li>
  <li>Item3</li>
</ol>
```

The ordered list has a type operator which defines what type of order the list will have, like whether the list will start with a numerical value or an alphabetical value. The various ways to use the ordered list, are given below:

type = "1": List will start from 1.

type = "A": Here the list will start from A.

type = "a": Here the list will start from lowercase a.

type = "I": The list will start from Roman numbers.

type = "i": TheList will start form lowercase Roman numbers.

Example 1: This example describes the Ordered List in HTML.

HTML

```
<!DOCTYPE html>

<html>

<head>

    <title>HTML Lists</title>

</head>

<body>

    <h2>GeeksforGeeks</h2>

    <h4>HTML Ordered List</h4>
```

```html
<h4>Coding Language</h4>

<ol>

    <li>C</li>

    <li>C++</li>

    <li>Core-Java</li>

    <li>Python</li>

    <li>Javascript</li>

</ol>

</body>

</html>
```
Output:

Ordered List

Example 2: In this example, we will create an ordered list with roman numbers.

HTML
<!DOCTYPE html>

<html>

<head>

   <title>HTML Lists</title>

</head>

<body>

```html
<h2>GeeksforGeeks</h2>

<h4>HTML Ordered List</h4>

<h4>Coding Language</h4>

<ol type="I">

    <li>C</li>

    <li>C++</li>

    <li>Core-Java</li>

    <li>Python</li>

    <li>Javascript</li>

</ol>

</body>
```

```
</html>
```

Output:

Ordered List with roman type

The ordered list has another attribute called "start" where you can specify the starting point for the order of the list.

start: This is used to specify the starting point for the list item marker.
Example 3: In this example, we will create an ordered list with different start numbers using the start attribute.

HTML
```
<!DOCTYPE html>

<html>
```

```html
<head>
    <title>HTML Lists</title>
</head>

<body>
    <h2>GeeksforGeeks</h2>
    <h4>HTML Ordered List</h4>
    <h4>Coding Language</h4>
    <ol start="12">
        <li>C</li>
        <li>C++</li>
```

```
        <li>Core-Java</li>

        <li>Python</li>

        <li>Javascript</li>

    </ol>

</body>


</html>
```
Output:

Ordered List with Start Attribute

Description List: A description list is a type of list where each item has a description. It is also known as a definition list. The <dl> tag is

used to create description list, the <dt> tag defines the item, and the <dd> tag describes each item in list.

Syntax:

<dl> Contents... </dl>
The HTML definition list contains following 3 tags:

<dl>: It defines the start of the list.
<dt>: It defines a item.
<dd>: It defines the description of each item.
Example: This example illustrates the Description List in HTML.

HTML
<!DOCTYPE html>

<html>

```html
<head>
    <title>HTML Lists</title>
</head>

<body>
    <h2>GeeksforGeeks</h2>
    <h4>Description List</h4>
    <strong>Developers Life</strong>
    <dl> <dt>Code</dt>
        <dd>- Code all day!</dd>
            <dt>Eat</dt>
        <dd>- Eat healthy food</dd>
```

```
        <dt>Sleep</dt>

      <dd>- Sleep soundly!</dd>

    </dl>

</body>

</html>
```
Output:

Description List

Article Tags : Geeks Premier LeagueHTMLWeb Technologies Geeks-Premier-League-2022HTML-Questions
Recommended Articles
1. What are the various formatting tags

available in HTML ?

2. What are various heading elements used to add heading in HTML ?

3. What are various tags available to add special meaning to the text in HTML ?

4. Explain various type of HTML DOM methods

5. Explain various methods for finding the HTML elements

6. What are the various techniques for clearing floats in CSS ?

7. Describe the various components of URL

8. Various tricks for :before pseudo elements using position property in CSS

9. Explain the types of lists supported by Bootstrap

10. HTML Lists

11. How to set Bullet colors in HTML Lists using only CSS?

12. Explain Description Lists in HTML

13. Different Types of HTML Helpers in ASP.NET MVC

14. Design and Implement Calculator using jQuery

15. How to implement column specific search filter using DataTables plugin ?

16. Implement Green Screen Algorithm using JavaScript

17. How to implement categories menu using jQuery UI ?

18. How to implement a function "getScript" that fetches/executes a JavaScript file in browser ?

19. How to implement single row select and delete using DataTables plugin ?

20. How to implement Sticky Ads in your website ?

21. How to implement bar and pie charts using Chart.js ?

22. CSS Lists

23. How to create lists and links using jQuery EasyUI Mobile ?

24. Difference between the directory, menu lists and the unordered list

25. How to Animate Bullets in Lists using CSS ?
Read Full Article

Video Tutorials

Courses

NEWS

Top News

Technology

Work & Career

Business

Finance

Lifestyle

Knowledge

Languages

Python

Java

CPP

Golang

C#

SQL

Kotlin

Web Development

Web Tutorials

Django Tutorial

HTML

JavaScript

Bootstrap

ReactJs

NodeJs

Contribute

Write an Article

Improve an Article

Pick Topics to Write

Write Interview Experience

Internships

Video Internship