

Unordered List and Styles

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Ordered List

```
<ol>
```

```
<li>
```

```
type, start, reversed
```

Nested Ordered List: Configuring a list within another list.

Note: You have to configure a `` with in `` not below.

```
<li>Item</li>           // Not Good
```

```
<ol>
```

```
<li>child</li>
```

```
</ol>
```

```
<li>Item                 // Good
```

```
  <ol>
```

```
    <li>child</li>
```

```
  </ol>
```

```
</li>
```

Ex:

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Terms and Definitions</title>
```

```
    <style>
```

```
  </style>
```

```
</head>
```

```
<body>
```

```
  <ol>
```

```
    <li>
```

```
      HTML
```

```
      <ol type="a">
```

```
        <li>Normal Elements</li>
```

```
        <li>Void Elements</li>
```

```
      </ol>
```

```
    </li>
```

```
    <li>JavaScript
```

```

        <ol type="a">
          <li>Variables
            <ol type="i">
              <li>Var</li>
              <li>Let</li>
            </ol>
          </li>
          <li>Data Types</li>
        </ol>
      </li>
    </ol>
  </body>
</html>

```

FAQ: How to design List items side by side?

Ans : By using "display:flex"

```

<!DOCTYPE html>
<html>
  <head>
    <title>Terms and Definitions</title>
    <style>
      #childList {
        display: flex;
        margin-bottom: 20px;
      }
      li {
        margin-right: 40px;
        margin-top: 10px;
      }
    </style>
  </head>
  <body>
    <ol type="1">
      <li>The elements that will not return presentation directly are known as

```

```

      <ol type="a" id="childList">
        <li>Normal Element</li>
        <li>Void Element</li>
        <li>RC Data</li>
        <li>Raw Text</li>
      </ol>
    </li>
  </li>

```

The raw text elements are ____.

```
<ol type="a" id="childList">
  <li>Bold</li>
  <li>image</li>
  <li>&copy</li>
  <li>italic</li>
</ol>
</li>
</ol>
</body>
</html>
```

FAQ: How to define list item in multiple columns?

Ans: display:grid (or) columns

Syntax:

```
ol {
  display:grid;
  grid-template-columns: 6fr 6fr;
}
(or)
ol {
  columns:2;
}
```

Ex:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Terms and Definitions</title>
    <style>
      #childList {
        columns:2;
        margin-bottom: 20px;
      }
      li {
        margin-right: 40px;
        margin-top: 10px;
      }
    </style>
  </head>
  <body>
    <ol type="1">
```

The elements that will not return presentation directly are known as

```
_____.
<ol type="a" id="childList">
  <li>Normal Element</li>
  <li>Void Element</li>
  <li>RC Data</li>
  <li>Raw Text</li>
</ol>
</li>
<li>
  The raw text elements are _____.
  <ol type="a" id="childList">
    <li>Bold</li>
    <li>image</li>
    <li>&copy</li>
    <li>italic</li>
  </ol>
</li>
</ol>
</body>
</html>
```

FAQ: How to design a scrollable list?

Ans: By using "overflow:auto"

Ex:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Terms and Definitions</title>
    <style>
      ol {
        border:2px solid black;
        height: 150px;
        width: 150px;
        overflow: auto;
      }
    </style>
  </head>
  <body>
    <ol>
      <li>HTML</li>
```

```
<li>CSS</li>
<li>Bootstrap</li>
<li>JavaScript</li>
<li>jQuery</li>
<li>HTML</li>
<li>CSS</li>
<li>Bootstrap</li>
<li>JavaScript</li>
<li>jQuery</li>
<li>HTML</li>
<li>CSS</li>
<li>Bootstrap</li>
<li>JavaScript</li>
<li>jQuery</li>
<li>HTML</li>
<li>CSS</li>
<li>Bootstrap</li>
<li>JavaScript</li>
<li>jQuery</li>
</ol>
</body>
</html>
```

Unordered List:

- It is a bulleted list.
- It comprises a symbol instead of number.
- It is designed by using `` for unordered list and `` for list item.

Syntax:

```
<ul>
<li>Item-1</li>
</ul>
```

- You can change bullet symbol by using "type" attribute with values disc, circle, square

Syntax:

```
<ul type="circle | disc | square">
</ul>
```

- You can have nested unordered list.
- You can use all effects similar to
- You can define assorted nested list.

EX:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Terms and Definitions</title>
    <style>
      #parentList {
        border:2px solid black;
        height: 150px;
        width: 150px;
        overflow: auto;
      }
    </style>
  </head>
  <body>
    <ul id="parentList">
      <li>HTML
        <ol>
          <li>Normal
            <ul type="square">
              <li>Bold</li>
              <li>Italic</li>
            </ul>
          </li>
          <li>Void</li>
          <li>RC</li>
        </ol>
      </li>
      <li>CSS</li>
      <li>Bootstrap</li>
      <li>JavaScript</li>
      <li>jQuery</li>
      <li>HTML</li>
      <li>CSS</li>
      <li>Bootstrap</li>
      <li>JavaScript</li>
      <li>jQuery</li>
      <li>HTML</li>
      <li>CSS</li>
      <li>Bootstrap</li>
    </ul>
  </body>
</html>
```

```

        <li>JavaScript</li>
        <li>jQuery</li>
        <li>HTML</li>
        <li>CSS</li>
        <li>Bootstrap</li>
        <li>JavaScript</li>
        <li>jQuery</li>
    </ul>
</body>
</html>

```

FAQ: How to define custom bullet symbols?

Ans : By using CSS property "list-style-image"
[It can be applied for both and]

```

ul {
    list-style-image: url("path/pic.jpg");
}

```

FAQ: How to remove bullet or numbered symbol for list.

Ans: CSS property "list-style:none"

Ex:

```

<!DOCTYPE html>
<html>
    <head>
        <title>Terms and Definitions</title>
        <style>
            ul {
                list-style: none;
            }
            li {
                background-color: yellow;
                padding: 4px;
                width: 140px;
                margin-bottom: 20px;
            }
            li:hover {
                background-color: black;
                color:white;
            }
        </style>
    </head>

```

```

<body>
  <nav>
    <ul>
      <li>Home</li>
      <li>About</li>
      <li>Contact</li>
    </ul>
  </nav>
</body>
</html>

```

FAQ: Can we define different symbols for each list item individually?

Ans: No. You have to use external icons library. [bootstrap icons]

Ex:

```

<!DOCTYPE html>
<html>
  <head>
    <title>Terms and Definitions</title>
    <style>
      ul {
        list-style: none;
      }
      li {
        background-color: yellow;
        padding: 4px;
        width: 140px;
        margin-bottom: 20px;
      }
      li:hover {
        background-color: black;
        color: white;
      }
    </style>
    <link rel="stylesheet" href="../../node_modules/bootstrap-icons/font/bootstrap-
icons.css">
  </head>
  <body>
    <nav>
      <ul>
        <li> <span class="bi bi-house"></span> Home</li>
        <li> <span class="bi bi-person"></span> About</li>

```



```
        <li> <span class="bi bi-facebook"></span> Contact</li>
    </ul>
</nav>
</body>
</html>
```

Images and Links