

HTML Tutorial: Lists and Tables | Web Development Tutorials #7

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HTML Tutorial: Lists and Tables

In this tutorial, we will work on the concepts of Lists and Tables in HTML. So, let us start by making a new file as *tut.html* and add the boilerplate to get the necessary HTML template. Give the title as **Tables and Lists in** `<title>` tag.

The lists are basically of two types-

Ordered lists (ol)

```
<ol>

    <li>This is the first item of my unordered list</li>

</ol>
```

Unordered lists (ul)

```
<ul>

    <li>This is the first item if my unordered list</li>

</ul>
```

The difference between an ordered and an unordered list is that the ordered list displays the list in this format -

- 1.
- 2.
- 3.
-

On the other hand, the unordered lists display the list in the following format-

- .
- .
- .
-

Both the lists have more than one attribute which we can write using the *type* command. For example, if we write:

```
<ol type= "I">
```

Then we will get the lists as I, II, III, and so on. In the same format, we can also get the lists as A, B, C, and so on.

This applies on unordered lists also. If we write

```
<ul type= "square">
```

Then we will get a bulleted square instead of a circle. There are various other references available from which you can see all the attributes. There is no need to learn all these things. You will get perfect by practising.

HTML also allows the nesting of lists. It simply means we can add a list into another list.

```
<ul type="circle">
  <li>This is first item of my unordered list</li>
  <li>This is second item of my unordered list</li>

  <ul>
    <li>Another one</li>
    <li>Another two</li>
    <li>Another three</li>
  </ul>
```

Let us now discuss the **Tables** in HTML. A table is just a combination of rows and columns on a webpage. The structure of the table looks like-

The main part is the table tag, and it consists of two parts: the table *head* and *table body*. The <thead> consists of the main head of the table and <tbody> consists of the body of the table.

<tr> is used to justify that it is the part of a row. Inside the <tr> tag, we give the headings of a row under the <th> tag. The final structure of a table looks like-

In a table, there are mostly two things to remember, the *head* and the *body* of a table. To add more rows to the table, we can simply add a <tr> tag and add any number of rows in a table.

I believe you have understood clearly what the lists and tables are. Tables and lists are two primary components of a website that helps in making it more attractive. There will be more tutorials coming to assist you in developing your site. So be patient and keep practising the things taught till now.

Code as described/written in the video

```

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Tables and Lists</title>
</head>

<body>
  <ul type="circle">
    <li>This is first item of my unordered list</li>
    <li>This is second item of my unordered list</li>

    <ul>
      <li>Another one</li>
      <li>Another two</li>
      <li>Another three</li>
    </ul>

    <li>This is third item of my unordered list</li>
  </ul>
  <ol type="a">
    <li>This is first item of my ordered list</li>
    <li>This is second item of my ordered list</li>
    <li>This is third item of my ordered list</li>
  </ol>

  <!-- Tables -->
  <h3>HTML Table</h3>
  <table>
    <thead>
      <tr>
        <th>Name</th>
        <th>Employee Id</th>
        <th>Employee Role</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td> Harry </td>
        <td> 34343 </td>
        <td> Programmer </td>
      </tr>
      <tr>
        <td> Rohan Das</td>
        <td> 3483 </td>
        <td> HTML Expert </td>
      </tr>
      <tr>
        <td> Shubham </td>
        <td> 7564 </td>
        <td> Android Developer </td>
      </tr>
    </tbody>
  </table>

```

</body>

</html>