Lists in HTML

Spoken Tutorial Project
http://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

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21 March 2018

Learning Objectives

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- **How to create** Lists **in** HTML

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- **How to create** Lists **in** HTML
- **The** types **of** Lists **in** HTML

Prerequisite

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- **You should know to use any** `WYSIWYG` **or** `Text Editor` **and a** `Web Browser`

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- **You should know to use any** `WYSIWYG` **or** `Text Editor` **and a** `Web Browser`

- **If not, then go through** `gedit` `Text Editor` **and** `Firefox` **tutorials on http://spoken-tutorial.org**

System Requirements

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- Ubuntu Linux 16.04 OS

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- HTML 5

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- gedit **Text Editor**

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Code Files

- **The files used in this tutorial are available in the** `Code Files` **link on this tutorial page**

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- **Please download and extract them**

Lists

Lists

- **Groups the related content together**

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- **Create structured navigations like menu bars**

Types of List

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- Unordered List

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- Ordered List

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- Unordered List
- Ordered List
- Definition **or** Description List

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- Definition **or** Description List

All these types **have a start and an end** tag

List Syntax

```
<type of list>
   <li> list item 1 </li>
   <li> list item 2 </li>
   .
   .
   <li> list item n </li>
</type of list>
```

Unordered List

Unordered List

Will list the contents

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► **In the form of bulleted points**

Unordered List

Will list the contents

- **In the form of bulleted points**
- **Without any obvious sequential order**

Ordered List

- **Will list the contents in a numbered sequence**

Ordered List

- **Will list the contents in a numbered sequence**
- **Can sequence the** `List` **in alphabets and roman numerals also**

UL Style Types

- **We can use** CSS **and** `style` **to modify how the** `Unordered List` **should be displayed**

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UL Style Types

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- **We have to specify the** style **inside the start** tag

- `<ul style = "list-style-type:style">`

UL Style Types

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- **Disc (default)**

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- **Disc (default)**
- **Circle**

UL Style Types

- **Disc (default)**
- **Circle**
- **Square**

UL Style Types

- **Disc (default)**
- **Circle**
- **Square**
- **None**

OL Types

OL Types

- **Numbers (1, 2, 3)**

OL Types

- **Numbers (1, 2, 3)**
- **Upper Case Letters (A, B, C)**

OL Types

- **Numbers (1, 2, 3)**
- **Upper Case Letters (A, B, C)**
- **Lower Case Letters (a, b, c)**

OL Types

- **Numbers (1, 2, 3)**
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- **Roman Numerals in Uppercase (I, II, III)**

OL Types

- **Numbers (1, 2, 3)**
- **Upper Case Letters (A, B, C)**
- **Lower Case Letters (a, b, c)**
- **Roman Numerals in Uppercase (I, II, III)**
- **Roman Numerals in Lowercase (i, ii, iii)**

Description List

- Description List $<dl>$ **is not like the other two** lists

Description List

- Description List `<dl>` **is not like the other two** lists
- **It will display the list in the form of a** name - value pair

Description List

- Description List $<dl>$ **is not like the other two** lists
- **It will display the list in the form of a** name - value pair
- **That means it will display the line item without prefixing it with a bullet or a number**

Description List

Each list item will have a name and a value to it.

Description List

Each list item will have a name and a value to it.

- **Instead of** `li tag`**, we have to use** `dt` **and** `dd tags`

Description List

- dt - **Term or name**

Description List

- dt - **Term or name**
- dd - **Term definition or value**

Description List

- dt - **Term or name**
- dd - **Term definition or value**
- dt **and** dd **have a start and end** tag

Description List

- **Must have at least one term and a value assigned to it**

Description List

- **Must have at least one term and a value assigned to it**
- **We can have multiple values for a single term**

Description List

```
<dl>
   <dt> Name 1 </dt>
   <dd> value 1 </dd>
   <dt> Name 2 </dt>
   <dd> value 1 </dd>
   <dd> value 2 </dd>
</dl>
```

Nested List

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Nested List

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- **Both the** `lists` **need not be the same**
- **For eg: Both need not be** `ordered` **or** `unordered` **or** `descriptive`

Nested List

1. Unit 1
   - Chapter 1
   - Chapter 2

2. Unit 2
   - Chapter 1
   - Chapter 2

Nested List

```
<ol>
   <li> Unit 1 </li>
   <ul>
     <li> Chapter 1 </li>
     <li> Chapter 2 </li>
   </ul>
   <li> Unit 2 </li>
   <ul>
     <li> Chapter 1 </li>
     <li> Chapter 2 </li>
   </ul>
</ol>
```

Summary

- Unordered List
- Ordered List
- Description List
- List styles **&** types
- Nested List

Assignment

- **Open** `MyHomePage.html` **which you created earlier**

- **Create a** `List` **as shown**

  Fruits
  1. Watermelon
  2. Papaya

  Vegetables
  - Carrot
  - Beetroot

About the Spoken Tutorial Project

- Watch the video available at
  http://spoken-tutorial.org
  /What_is_a_Spoken_Tutorial

- It summarises the Spoken Tutorial project

- If you do not have good bandwidth, you can download and watch it

Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- ▸ **Conducts workshops using spoken tutorials**

- ▸ **Gives certificates to those who pass an online test**

- ▸ **For more details, please write to contact@spoken-tutorial.org**

Forum for Specific Questions

- Do you have questions in THIS Spoken Tutorial?
- Please visit http://forums.spoken-tutorial.org
- Choose the minute and second where you have the question
- Explain your question briefly
- Someone from our team will answer them

Acknowledgements

- **Spoken Tutorial Project is a part of the Talk to a Teacher project**
- **It is supported by the National Mission on Education through ICT, MHRD, Government of India**
- **More information on this Mission is available at http://spoken-tutorial.org /NMEICT-Intro**

Thank You

Thanks for joining

http://spoken-tutorial.org