

Introduction to

HTML



Lists

In this chapter you will learn how to create a variety of lists.

Objectives

Upon completing this section, you should be able to

1. Create an unordered list.
2. Create an ordered list.
3. Create a defined list.
4. Nest Lists.

List Elements

- HTML supplies several list elements. Most list elements are composed of one or more (List Item) elements.
- UL : Unordered List. Items in this list start with a list mark such as a bullet. Browsers will usually change the list mark in nested lists.

 List item ...

 List item ...

- List item ...
- List item ...

List Elements

- You have the choice of three bullet types: **disc(default)**, **circle**, **square**.
- These are controlled in Netscape Navigator by the “TYPE” attribute for the element.

```
<UL TYPE="square">
```

```
<LI> List item ...</LI>
```

```
<LI> List item ...</LI>
```

```
<LI> List item ...</LI>
```

```
</UL>
```

- List item ...
- List item ...
- List item ...

List Elements

- OL: Ordered List. Items in this list are numbered automatically by the browser.

``

` List item ...`

` List item ...`

` List item ...`

``

1. **List item ...**

2. **List item ...**

3. **List item**

- You have the choice of setting the TYPE Attribute to one of five numbering styles.

List Elements

TYPE	Numbering Styles	
1	Arabic numbers	1,2,3,
a	Lower alpha	a, b, c,
A	Upper alpha	A, B, C,
i	Lower roman	i, ii, iii,
I	Upper roman	I, II, III,

List Elements

- You can specify a starting number for an ordered list.

```
<OL TYPE =“i”>
```

```
<LI> List item ...</LI>
```

```
<LI> List item ...</LI>
```

```
</OL>
```

```
<P> text ....</P>
```

```
<OL TYPE=“i” START=“3”>
```

```
<LI> List item ...</LI>
```

```
</OL>
```

List Elements

i. List item ...

ii. List item ...

Text

iii. List item ...

List Elements

- **DL: Definition List.** This kind of list is different from the others. Each item in a DL consists of one or more **Definition Terms (DT elements)**, followed by one or more **Definition Description (DD elements)**.

```
<DL>
```

```
<DT> HTML </DT>
```

```
<DD> Hyper Text Markup Language </DD>
```

```
<DT> DOG </DT>
```

```
<DD> A human's best friend!</DD>
```

```
</DL>
```

HTML

Hyper Text Markup Language

DOG

A human's best friend!

Nesting Lists

- You can nest lists by inserting a UL, OL, etc., inside a list item (LI).

Example

```
<UL TYPE = "square">  
<LI> List item ...</LI>  
<LI> List item ...  
<OL TYPE="i" START="3">  
<LI> List item ...</LI>  
<LI> List item ...</LI>  
<LI> List item ...</LI>  
<LI> List item ...</LI>  
<LI> List item ...</LI>  
</OL>  
</LI>  
<LI> List item ...</LI>  
</UL>
```

- List item ...
- List item ...
 - iii. List item ...
 - iv. List item ...
 - v. List item ...
 - vi. List item ...
 - vii. List item ...
- List item ...

What will be the output?

```
<H1 ALIGN="CENTER">SAFETY TIPS FOR CANOEISTS</H1>
<OL TYPE="a" START="2">
<LI>Be able to swim </LI>
<LI>Wear a life jacket at all times </LI>
<LI>Don't stand up or move around. If canoe tips,
  <UL>
    <LI>Hang on to the canoe </LI>
    <LI>Use the canoe for support and </LI>
    <LI>Swim to shore
  </UL> </LI>
<LI>Don't overexert yourself </LI>
<LI>Use a bow light at night </LI>
</OL>
```

The output....

SAFETY TIPS FOR CANOEISTS

- b. Be able to swim
- c. Wear a life jacket at all times
- d. Don't stand up or move around. If canoe tips,
 - o Hang on to the canoe
 - o Use the canoe for support and
 - o Swim to shore
- e. Don't overexert yourself
- f. Use a bow light at night

<H1 ALIGN="CENTER">SAFETY TIPS FOR CANOEISTS</H1>

<OL TYPE="a" START="2">

Be able to swim

Wear a life jacket at all times

Don't stand up or move around. If canoe tips,

Hang on to the canoe

Use the canoe for support

<OL type="I" start="4">

 Be careful

 Do not look around

Swim to shore

Don't overexert yourself

Use a bow light at night

**What
will
be the
output?**

The output....

SAFETY TIPS FOR CANOEISTS

- b. Be able to swim
- c. Wear a life jacket at all times
- d. Don't stand up or move around. If canoe tips,
 - o Hang on to the canoe
 - o Use the canoe for support
 - IV. Be careful
 - V. Do not look around
 - o Swim to shore
- e. Don't overexert yourself
- f. Use a bow light at night