

How To Create Ordered HTML Lists

With Lon Hosford

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This is a Visual Step by Step Workbook and voice transcript for accompanying video for this portion of the course.

Introduction

Ordered Lists

How to Change a Light Bulb

How to Change a Light Bulb

1. Get a replacement with recommended wattage.

How to Change a Light Bulb

1. Get a replacement with recommended wattage.
2. Disconnect the power supply. Turn off at the wall, socket or lamp
3. Wait until bulb is cool to touch
4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
5. Unscrew the old bulb.
6. Screw in the replacement bulb.
7. Connect the power supply.
8. Dispose old bulb safely.

Now that you have worked with bulleted lists, you will find that ordered lists are very similar.

Introduction

Ordered Lists


Numbered Lists

How to Change a Light Bulb

How to Change a Light Bulb

1. Get a replacement with recommended wattage.

How to Change a Light Bulb

- 
1. Get a replacement with recommended wattage.
 2. Disconnect the power supply. Turn off at the wall, socket or lamp
 3. Wait until bulb is cool to touch
 4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
 5. Unscrew the old bulb.
 6. Screw in the replacement bulb.
 7. Connect the power supply.
 8. Dispose old bulb safely.

Ordered lists are also called numbered lists. This is because the list items are automatically numbered sequentially.

Introduction

Ordered Lists

Numbered Lists

Mixed Nested Lists

How to Change a Light Bulb

How to Change a Light Bulb

1. Get a replacement with recommended wattage.

How to Change a Light Bulb

1. Get a replacement with recommended wattage.
2. Disconnect the power supply. Turn off at the wall, socket or lamp
3. Wait until bulb is cool to touch
4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
5. Unscrew the old bulb.
6. Screw in the replacement bulb.
7. Connect the power supply.
8. Dispose old bulb properly.

Light Bulbs

- Common Types
 - Incandescent
 - Fluorescent
 - Tubes
 - Compact Fluorescent Lamps (CFLs)
 - Light Emitting Diodes (LEDs)
 - Halogen
- How to Change a Lightbulb
 1. Get a replacement with recommended wattage.
 2. Disconnect the power supply. Turn off at the wall, socket or lamp
 3. Wait until bulb is cool to touch
 4. Wear safety gloves. Bulbs can break and some are toxic if they do
 5. Unscrew the old bulb.
 6. Screw in the replacement bulb.

Numbered lists can also be nested with bulleted lists.

Introduction

Ordered Lists

How to Change a Light Bulb

How to Change a Light Bulb

1. Get a replacement with recommended wattage.

How to Change a Light Bulb

1. Get a replacement with recommended wattage.
2. Disconnect the power supply. Turn off at the wall, socket or lamp
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5. Unscrew the old bulb.
6. Screw in the replacement bulb.
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Light Bulbs

- Common Types
 - Incandescent
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 - Compact Fluorescent Lamps (CFLs)
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 - Halogen
- How to Change a Lightbulb
 1. Get a replacement with recommended wattage.
 2. Disconnect the power supply. Turn off at the wall, socket or lamp
 3. Wait until bulb is cool to touch
 4. Wear safety gloves. Bulbs can break and some are toxic if they do
 5. Unscrew the old bulb.
 6. Screw in the replacement bulb.

Numbered Lists

Mixed Nested Lists

How to Change a Light Bulb

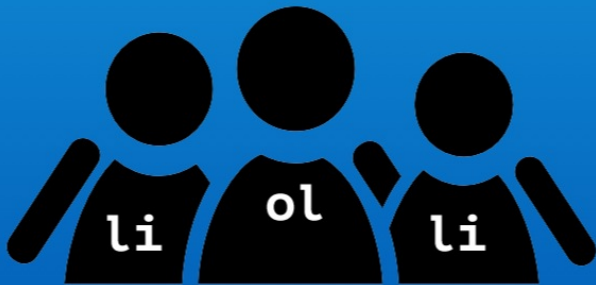
1. Get a replacement with recommended wattage.
2. Disconnect the power supply. Turn off at the wall, socket or lamp
3. Wait until bulb is cool to touch
4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
5. Unscrew the old bulb.
6. Screw in the replacement bulb.
7. Connect the power supply.
8. Dispose old bulb safely.
 - Follow any manufacture recommendations.
 - Obey local laws.
 - Keep out of reach of children.

You are free to assemble numbered lists and bulleted lists as you like for your outlining needs.

Introduction

- * **Understand the ol and li elements**
- * Create a basic one level numbered list
- * Learn how to nest ol and ul elements
- * View and test with web browser

```
<ol>  
  <li></li>  
  <li></li>  
  <li></li>  
</ol>
```



We are going to start by learning how the ol element teams up with li elements in the same way the ul element does.

Introduction

- * **Understand the ol and li elements**
- * **Create a basic single level numbered list**
- * Learn how to nest ol and ul elements
- * View and test with web browser

```
<ol>  
  <li></li>  
  <li></li>  
  <li></li>  
</ol>
```



How to Change a Light Bulb

1. Get a replacement with recommended wattage.
2. Disconnect the power supply. Turn off at the wall, socket or lamp
3. Wait until bulb is cool to touch
4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
5. Unscrew the old bulb.
6. Screw in the replacement bulb.
7. Connect the power supply.
8. Dispose old bulb safely.

That lets us quickly put a numbered instruction list together.

Introduction

- * Understand the ol and li elements
- * Create a basic single level numbered list
- * Learn how to nest ol and ul elements
- * View and test with web browser

```
<ol>  
  <li>  
    <ul>  
      <li></li>  
    </ul>  
  </li>  
</ol>
```



How to Change a Light Bulb

1. Get a replacement with recommended wattage.
2. Disconnect the power supply. Turn off at the wall, socket or lamp
3. Wait until bulb is cool to touch
4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
5. Unscrew the old bulb.
6. Screw in the replacement bulb.
7. Connect the power supply.
8. Dispose old bulb safely.
 - Follow any manufacture recommendations.
 - Obey local laws.
 - Keep out of reach of children.

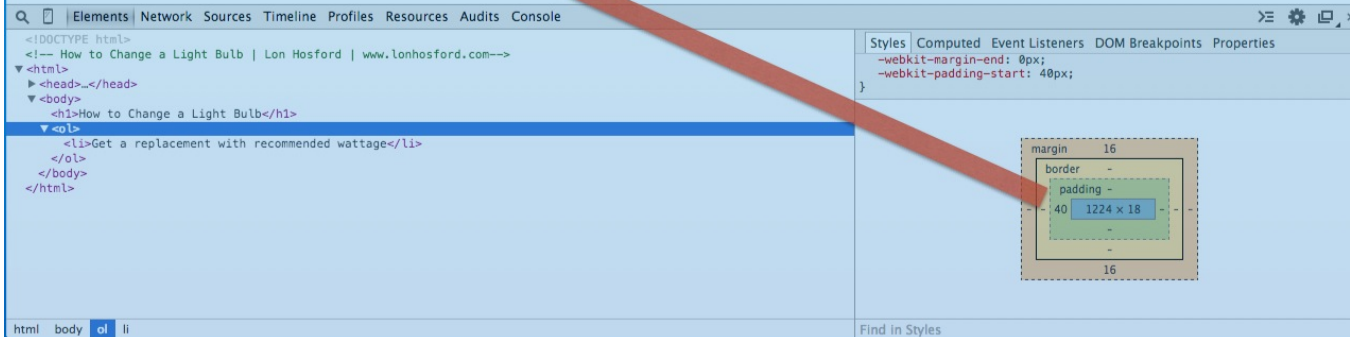
Then we will nest a bulleted list inside one of the number list items.

Introduction

- * Understand the ol and li elements
- * Create a basic single level numbered list
- * Learn how to nest ol and ul elements
- * View and test with web browser

How to Change a Light Bulb

1. Get a replacement with recommended wattage



How to Change a Light Bulb

1. Get a replacement with recommended wattage.
2. Disconnect the power supply. Turn off at the wall, socket or lamp
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4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
5. Unscrew the old bulb.
6. Screw in the replacement bulb.
7. Connect the power supply.
8. Dispose old bulb safely.
 - Follow any manufacture recommendations.
 - Obey local laws.
 - Keep out of reach of children.

As we create the list, we will use the web developer tools to inspect the styling and positioning.

Setup



html_lists_ordered folder

start folder

practice.html



practice folder



practice/practice.html
snippet.txt

This demo uses the Chrome Web Browser

To follow the steps, copy the file in the activity's start folder and open the listed files in an editor.

Review The Starting Files

```
1 html_ordered_list_basics | Lon Hosford www.lonhosford.com
2
3 STEP 1: Add the ol Element
4     IN practice.html TYPE ON LINE 11.
5
6 <ol>
7
8 </ol>
9
10 STEP 2: Add the first li Element
11     IN practice.html TYPE ON LINE 12.
12
13     <li>Get a replacement with recommended wattage</li>
14
15 STEP 3: Add the remaining li Elements
16     IN practice.html BETWEEN LINES 12 and 13 PASTE.
17
18     <li>Disconnect the power supply. Turn off at the wall, socket or lamp.<
19 /li>
20     <li>Wait until bulb is cool to touch.</li>
21     <li>Wear safety gloves. Bulbs can break and some are toxic if they do
22 break.</li>
23     <li>Unscrew the old bulb.</li>
24     <li>Screw in the replacement bulb.</li>
25     <li>Connect the power safely.</li>
26     <li>Dispose old bulb safely.</li>
27
28 STEP 4: Add a blank line after last li element
29     IN practice.html ON LINE 19 ADD BLANK LINE BETWEEN Dispose old bulb
30 safely. and </li>.
31
32     <li>Dispose old bulb safely.
33
34     </li>
35
36 STEP 5: Paste in completed ul list
37     IN practice.html INSERT ON LINE 20
38
```



```
1 <!doctype html>
2 <!-- How to Change a Light Bulb | Lon Hosford | www.lonhosford.com-->
3 <html>
4 <head>
5 <meta charset="UTF-8">
6 <title>How to Change a Light Bulb | Lon Hosford</title>
7 </head>
8
9 <body>
10 <h1>How to Change a Light Bulb</h1>
11
12 </body>
13 </html>
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
```

snippets.txt

practice.html

Here we have the snippets file and the starting HTML file.

Review The Starting Files

1 html_ordered_list_basics | Lon Hosford www.lonhosford.com

2
3 STEP 1: Add the ol Element
4 IN practice.html TYPE ON LINE 11.

5
6
7
8

9
10 STEP 2: Add the first li Element
11 IN practice.html TYPE ON LINE 12.

12
13 Get a replacement with recommended wattage
14

15 STEP 3: Add the remaining li Elements
16 IN practice.html BETWEEN LINES 12 and 13 PASTE.

17
18 Disconnect the power supply. Turn off at the wall, socket or lamp.
19 Wait until bulb is cool to touch.
20 Wear safety gloves. Bulbs can break and some are toxic if they do break.
21 Unscrew the old bulb.
22 Screw in the replacement bulb.
23 Connect the power supply.
24 Dispose old bulb safely.

25
26 STEP 4: Add a blank line after last li element
27 IN practice.html ON LINE 19 ADD BLANK LINE BETWEEN Dispose old bulb safely. and .

28
29 Dispose old bulb safely.
30
31

32
33 STEP 5: Paste in completed ul list
34 IN practice.html INSERT ON LINE 20

35

1 <!doctype html>

2 <!-- How to Change a Light Bulb | Lon Hosford | www.lonhosford.com-->

3 <html>
4 <head>
5 <meta charset="UTF-8">
6 <title>How to Change a Light Bulb | Lon Hosford</title>
7 </head>

8
9 <body>
10 <h1>How to Change a Light Bulb</h1>

11
12 </body>
13 </html>

14

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37

38

snippets.txt

practice.html

We are using a basic HTML file with no added CSS styling. It has one h1 element for a page heading.

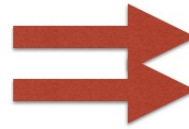
Review The Starting Files

How to Change a Light Bulb

In the web browser just the page heading shows at this point.

Step I - Add the ol element

```
2
3 STEP 1: Add the ol Element
4     IN practice.html TYPE ON LINE 11.
```



```
5
6 <ol>
7
8 </ol>
```

```
9
10 STEP 2: Add the first li Element
11     IN practice.html TYPE ON LINE 12.
```

```
12
13     <li>Get a replacement with recommended wattage</li>
```

```
14
15 STEP 3: Add the remaining li Elements
16     IN practice.html BETWEEN LINES 12 and 13 PASTE.
```

```
17
18     <li>Disconnect the power supply. Turn off at the wall, socket or lamp.<
19     /li>
20     <li>Wait until bulb is cool to touch.</li>
21     <li>Wear safety gloves. Bulbs can break and some are toxic if they do
22     break.</li>
23     <li>Unscrew the old bulb.</li>
24     <li>Screw in the replacement bulb.</li>
25     <li>Connect the power supply.</li>
26     <li>Dispose old bulb safely.</li>
```

```
27 STEP 4: Add a blank line after last li element
28     IN practice.html ON LINE 19 ADD BLANK LINE BETWEEN Dispose old bulb
29     safely. and </li>.
```

```
30
31     <li>Dispose old bulb safely.
32     </li>
```

```
33 STEP 5: Paste in completed ul list
34     IN practice.html INSERT ON LINE 20
```

```
35
36     <ul>
```

```
9 <body>
10 <h1>How to Change a Light Bulb</h1>
11 <ol>
12
13 </ol>
14 </body>
15 </html>
```

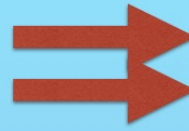
snippets.txt

practice.html

The first step is to add the ol element after the h1 element. Put the ol element tags on separate lines with a blank line in between.

Step I - Add the ol element

```
2
3 STEP 1: Add the ol Element
4     IN practice.html TYPE ON LINE 11.
```



```
6 <ol>
7
8 </ol>
```

```
9
10 STEP 2: Add the first li Element
11     IN practice.html TYPE ON LINE 12.
```

```
13 <li>Get a replacement with recommended wattage</li>
```

```
14
15 STEP 3: Add the remaining li Elements
```

```
16     IN practice.html BETWEEN LINES 12 and 13 PASTE
```

```
17
18 <li>Disconnect the power supply. Turn off at the wall, socket or lamp.<
19 /li>
```

```
20 <li>Wait until bulb is cool to touch.</li>
```

```
21 <li>Wear safety gloves. Bulbs can break and some are toxic if they do
22 break.</li>
```

```
23 <li>Unscrew the old bulb.</li>
```

```
24 <li>Screw in the replacement bulb.</li>
```

```
25 <li>Connect the power supply.</li>
```

```
26 <li>Dispose old bulb safely.</li>
```

snippets.txt

```
27 STEP 4: Add a blank line after last li element
```

```
28     IN practice.html ON LINE 19 ADD BLANK LINE BETWEEN Dispose old bulb
29 safely. and </li>.
```

```
30 <li>Dispose old bulb safely.
```

```
31 </li>
```

```
32
33 STEP 5: Paste in completed ul list
```

```
34     IN practice.html INSERT ON LINE 20
```

```
35
36 <ul>
```

```
9 <body>
10 <h1>How to Change a Light Bulb</h1>
11 <ol>
12
13 </ol>
14 </body>
15 </html>
```

ol Element Allowed Contents

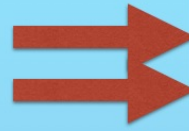
- * The li elements
- * White space

practice.html

The ol element is a container that only can contain white space and one or more li elements.

Step I - Add the ol element

```
2
3 STEP 1: Add the ol Element
4     IN practice.html TYPE ON LINE 11.
```



```
6 <ol>
7
8 </ol>
```

```
9
10 STEP 2: Add the first li Element
11     IN practice.html TYPE ON LINE 12.
```

```
13 <li>Get a replacement with recommended wattage</li>
```

```
14
15 STEP 3: Add the remaining li Elements
```

```
16     IN practice.html BETWEEN LINES 12 and 13 PASTE
```

```
17
18 <li>Disconnect the power supply. Turn off at the wall, socket or lamp.</li>
```

```
19 <li>Wait until bulb is cool to touch.</li>
```

```
20 <li>Wear safety gloves. Bulbs can break and some are toxic if they do
21 break.</li>
```

```
22 <li>Unscrew the old bulb.</li>
```

```
23 <li>Screw in the replacement bulb.</li>
```

```
24 <li>Connect the power supply.</li>
```

```
25 <li>Dispose old bulb safely.</li>
```

snippets.txt

```
26 STEP 4: Add a blank line after last li element
```

```
27     IN practice.html ON LINE 19 ADD BLANK LINE BETWEEN Dispose old bulb
28 safely. and </li>.
```

```
29 <li>Dispose old bulb safely.
```

```
30
31 </li>
```

```
32
33 STEP 5: Paste in completed ul list
```

```
34     IN practice.html INSERT ON LINE 20
```

```
35
36 <ul>
```

```
9 <body>
10 <h1>How to Change a Light Bulb</h1>
11 <ol>
12
13 </ol>
14 </body>
15 </html>
```

ol Element Allowed Contents

- * The li elements
- * White space
- * Content and other HTML Element

practice.html

Other content and HTML elements are not allowed inside the ol element.

Step 2 - Add the first li element

```
9
10 STEP 2: Add the first li Element
11     IN practice.html TYPE ON LINE 12.
12
13 <li>Get a replacement with recommended wattage</li>
14
15 STEP 3: Add the remaining li Elements
16     IN practice.html BETWEEN LINES 12 and 13 PASTE.
17
18 <li>Disconnect the power supply. Turn off at the wall, socket or lamp.<
19 /li>
20 <li>Wait until bulb is cool to touch.</li>
21 <li>Wear safety gloves. Bulbs can break and some are toxic if they do
22 break.</li>
23 <li>Unscrew the old bulb.</li>
24 <li>Screw in the replacement bulb.</li>
25 <li>Connect the power supply.</li>
26 <li>Dispose old bulb safely.</li>
27
28 STEP 4: Add a blank line after last li element
29     IN practice.html ON LINE 19 ADD BLANK LINE BETWEEN Dispose old bulb
30 safely. and </li>.
31
32 <li>Dispose old bulb safely.
33
34 </li>
35
36 STEP 5: Paste in completed ul list
37     IN practice.html INSERT ON LINE 20
38
39 <ul>
40     <li>Follow any manufacture recommendations.</li>
41     <li>Obey local laws.</li>
42     <li>Keep out of reach of children.</li>
43 </ul>
```

snippets.txt

```
9 <body>
10 <h1>How to Change a Light Bulb</h1>
11 <ol>
12     <li>Get a replacement with recommended wattage</li>
13 </ol>
14 </body>
15 </html>
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
```

practice.html

Lets add the first li element. Copy and paste it from step two in the snippets file and paste inside of the ol element tags.

Testing in the Web Browser

How to Change a Light Bulb

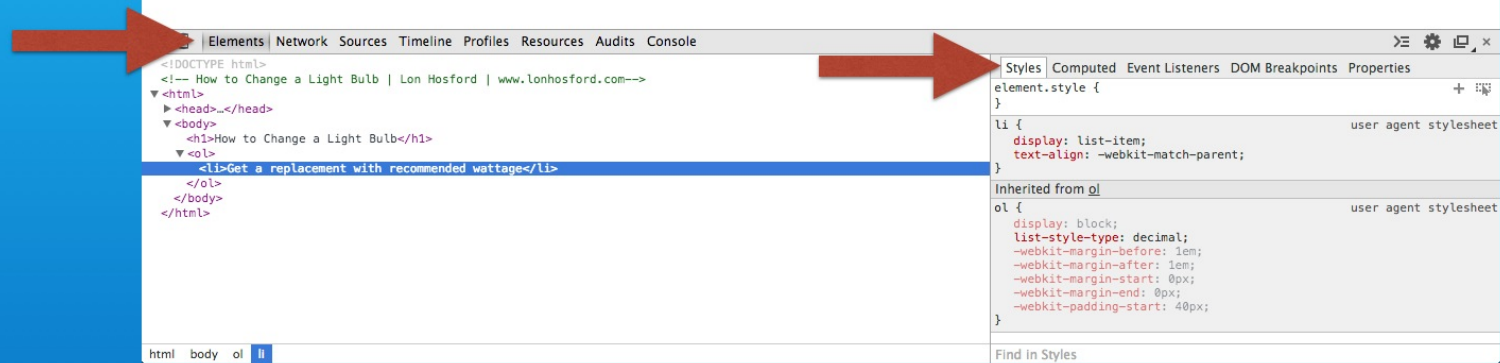
1. Get a replacement with recommended wattage.

Save and check it out in the web browser and there are the humble beginnings of our numbered list.

Testing in the Web Browser

How to Change a Light Bulb

1. Get a replacement with recommended wattage



Like we did with the ul element, lets inspect the elements in your web browser developer tools.

Testing in the Web Browser

How to Change a Light Bulb

1. Get a replacement with recommended wattage

li 1224px x 18px

The screenshot shows a web browser with the page title 'How to Change a Light Bulb'. The page content includes a list item: '1. Get a replacement with recommended wattage'. The browser's DevTools is open, showing the 'Elements' panel on the left and the 'Styles' panel on the right. The 'Elements' panel shows the DOM tree with the following structure:

```
<!DOCTYPE html>
<!-- How to Change a Light Bulb | Lon Hosford | www.lonhosford.com-->
<html>
  <head>...</head>
  <body>
    <h1>How to Change a Light Bulb</h1>
    <ol>
      <li>Get a replacement with recommended wattage</li>
    </ol>
  </body>
</html>
```

The 'li' element is selected, and the 'Styles' panel shows the following CSS rules:

```
element.style {
}

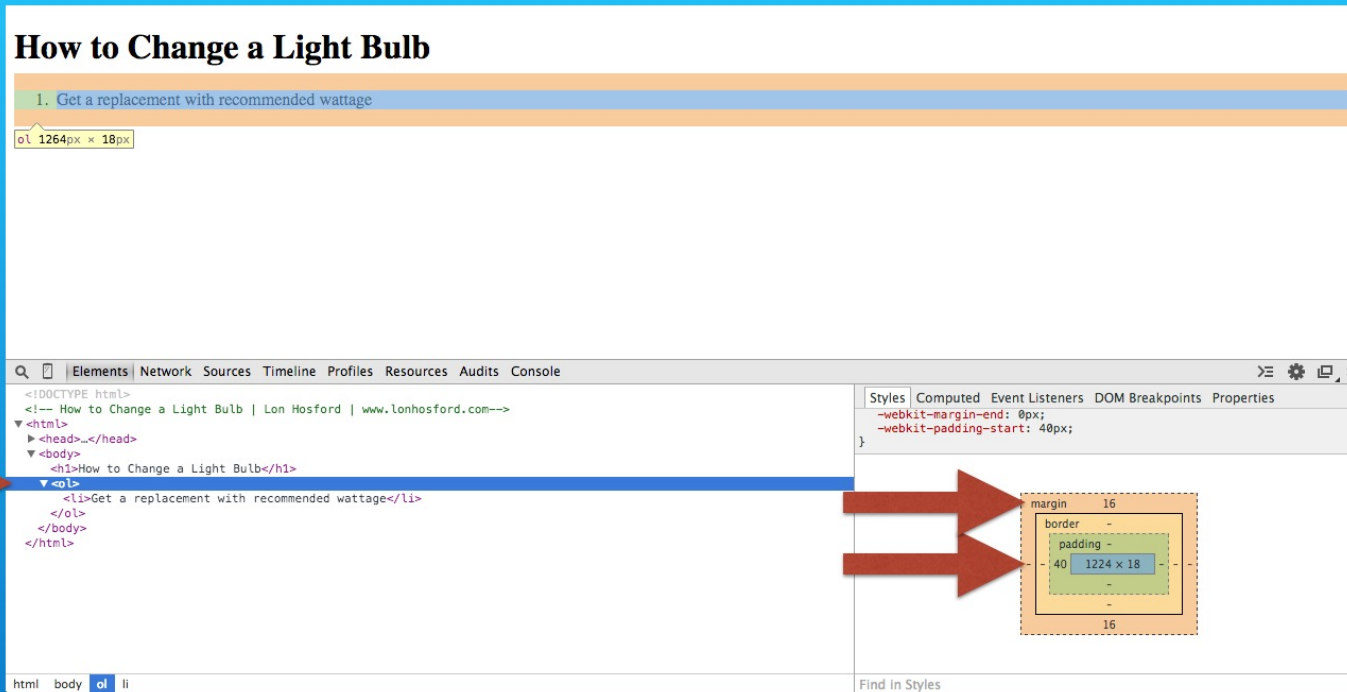
li {
  display: list-item;
  text-align: -webkit-match-parent;
}

Inherited from ol
ol {
  display: block;
  list-style-type: decimal;
  -webkit-margin-before: 1em;
  -webkit-margin-after: 1em;
  -webkit-margin-start: 0px;
  -webkit-margin-end: 0px;
  -webkit-padding-start: 40px;
}
```

A red arrow points from the 'li' element in the DOM tree to the 'list-style-type: decimal' property in the 'ol' rule in the Styles panel. A black box with the text 'list-style-type: decimal' is also present, with a red arrow pointing to the 'list-style-type: decimal' property in the Styles panel.

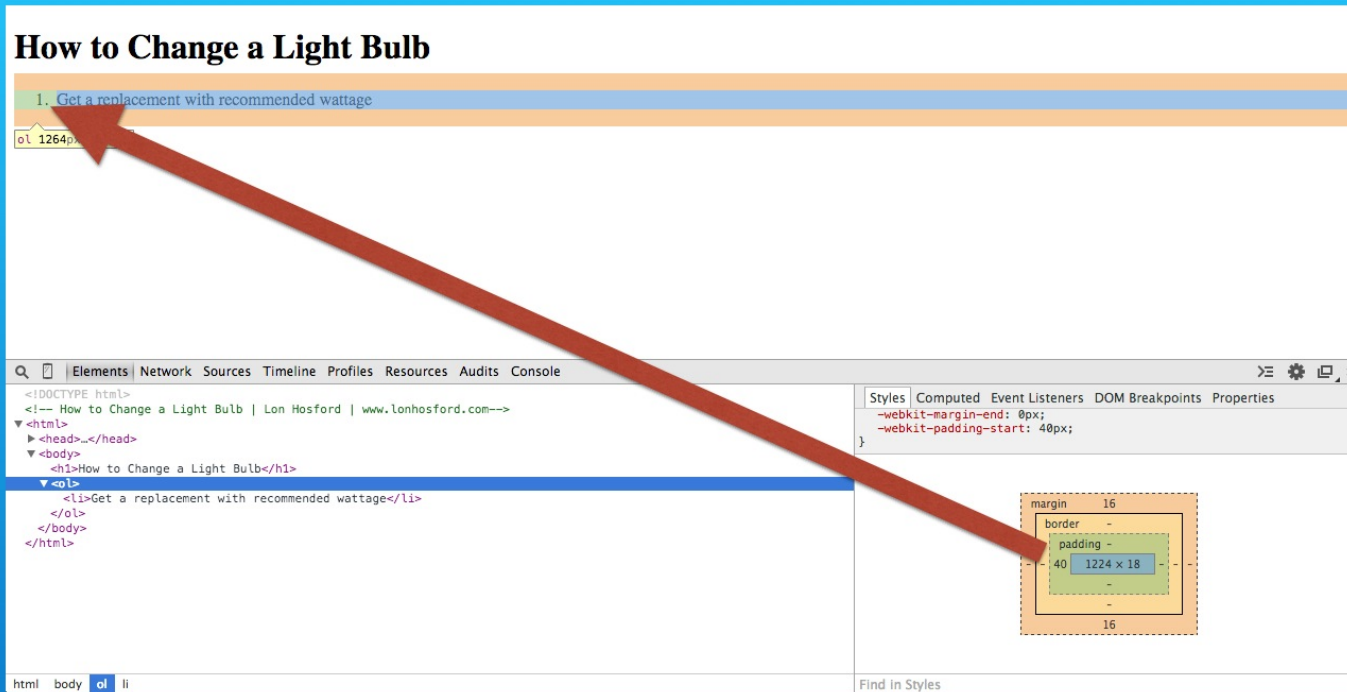
The bullet style is set to decimal by the CSS list-style-type property. That comes from the ol element via the web browser style setting.

Testing in the Web Browser



The ol element has the same defaulted margin and left padding values as the ul element. 16 pixels for the top and bottom margin. 40 pixels for the left padding.

Testing in the Web Browser



Your web tools may show a box model overlay. You will see that the list item number is on the right side of the left padding region. So far all the same as we saw with the ul element.

Step 3 - Add the remaining li elements

```
14
15 STEP 3: Add the remaining li Elements
16     IN practice.html BETWEEN LINES 12 and 13 PASTE.
17
18 <li>Disconnect the power supply. Turn off at the wall, socket or lamp.</li>
19 <li>Wait until bulb is cool to touch.</li>
20 <li>Wear safety gloves. Bulbs can break and some are toxic if they do
21 break.</li>
22 <li>Unscrew the old bulb.</li>
23 <li>Screw in the replacement bulb.</li>
24 <li>Connect the power supply.</li>
25 <li>Dispose old bulb safely.</li>
26
27 STEP 4: Add a blank line after last li element
28     IN practice.html ON LINE 19 ADD BLANK LINE BETWEEN Dispose old bulb
29 safely. and </li>.
30
31 <li>Dispose old bulb safely.
32
33 STEP 5: Paste in completed ul list
34     IN practice.html INSERT ON LINE 20
35
36 <ul>
37     <li>Follow any manufacture recommendations.</li>
38     <li>Obey local laws.</li>
39     <li>Keep out of reach of children.</li>
40 </ul>
41
42
43
44
45
46
47
48
```

snippets.txt

```
9 <body>
10 <h1>How to Change a Light Bulb</h1>
11 <ol>
12     <li>Get a replacement with recommended wattage</li>
13     <li>Disconnect the power supply. Turn off at the wall, socket or lamp.</li>
14     <li>Wait until bulb is cool to touch.</li>
15     <li>Wear safety gloves. Bulbs can break and some are toxic if they do
16 break.</li>
17     <li>Unscrew the old bulb.</li>
18     <li>Screw in the replacement bulb.</li>
19     <li>Connect the power supply.</li>
20     <li>Dispose old bulb safely.</li>
21 </ol>
22 </body>
23 </html>
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
```

practice.html

Copy and paste the remaining li elements in step three. Place them after the li element and the closing ol tag.

Testing in the Web Browser

How to Change a Light Bulb

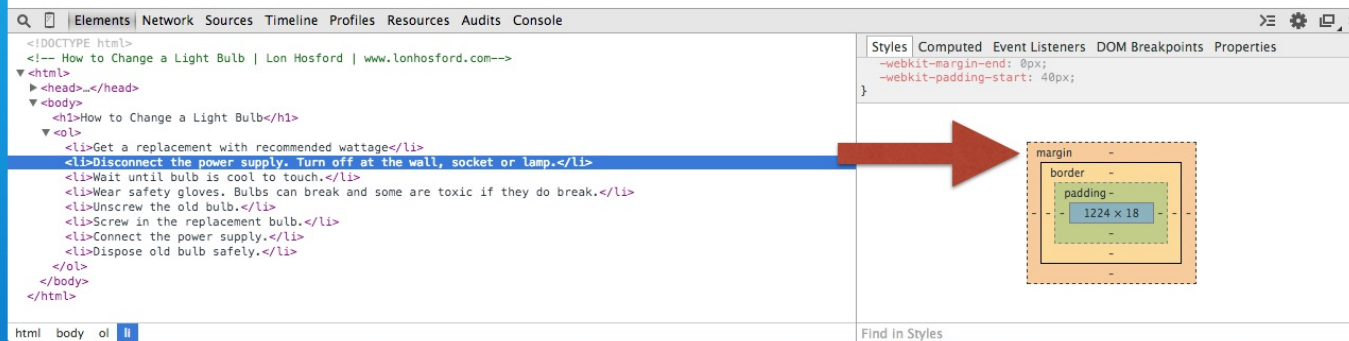
1. Get a replacement with recommended wattage.
2. Disconnect the power supply. Turn off at the wall, socket or lamp
3. Wait until bulb is cool to touch
4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
5. Unscrew the old bulb.
6. Screw in the replacement bulb.
7. Connect the power supply.
8. Dispose old bulb safely.

The list elements are automatically numbered sequentially. Each start on a new line.

Testing in the Web Browser

How to Change a Light Bulb

1. Get a replacement with recommended wattage
2. Disconnect the power supply. Turn off at the wall, socket or lamp.
3. **li 1224px x 18px** cool to touch.
4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
5. Unscrew the old bulb.
6. Screw in the replacement bulb.
7. Connect the power supply.
8. Dispose old bulb safely.



The box model properties for li elements inside of the ol element are the same as they are when inside the ul element. No padding, border or margin.

Testing in the Web Browser

How to Change a Light Bulb

1. Get a replacement with recommended wattage.
2. Disconnect the power supply. Turn off at the wall, socket or lamp
3. Wait until bulb is cool to touch
4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
5. Unscrew the old bulb.
6. Screw in the replacement bulb.
7. Connect the power supply.
8. Dispose old bulb safely.



Lastly for this exercise we are going to add a bulleted list to the last list element.

Step 4: Add a blank line after last li element

```
25
26 STEP 4: Add a blank line after last li element
27     IN practice.html ON LINE 19 ADD BLANK LINE BETWEEN Dispose old bulb
    safely. and </li>.
```

```
28
29     <li>Dispose old bulb safely.
30
31     </li>
```

```
32
33 STEP 5: Paste in completed ul list
34     IN practice.html INSERT ON LINE 20
35
36     <ul>
37         <li>Follow any manufacture recommendations.</li>
38         <li>Obey local laws.</li>
39         <li>Keep out of reach of children.</li>
40     </ul>
```

snippets.txt

```
9 <body>
10 <h1>How to Change a Light Bulb</h1>
11 <ol>
12     <li>Get a replacement with recommended wattage</li>
13     <li>Disconnect the power supply. Turn off at the wall, socket or lamp.</li>
14     <li>Wait until bulb is cool to touch.</li>
15     <li>Wear safety gloves. Bulbs can break and some are toxic if they do
    break.</li>
16     <li>Unscrew the old bulb.</li>
17     <li>Screw in the replacement bulb.</li>
18     <li>Connect the power supply.</li>
19     <li>Dispose old bulb safely.
20
21     </li>
22 </ol>
23 </body>
24 </html>
```

practice.html

First we will add some white space inside the last li element. Add a blank line before the closing li tag. Equally indent the open and close li element tags.

Step 5: Paste in the completed ol list

```
32
33 STEP 5: Paste in completed ul list
34     IN practice.html INSERT ON LINE 20
```

```
35
36 <ul>
37   <li>Follow any manufacture recommendations.</li>
38   <li>Obey local laws.</li>
39   <li>Keep out of reach of children.</li>
40 </ul>
```

snippets.txt

```
9 <body>
10 <h1>Light Bulbs</h1>
11 <ul>
12   <li>Incandescent</li>
13   <li>Fluorescent
14     <ul>
15       <li>Tubes</li>
16       <li>Compact Fluorescent Lamps (CFLs)</li>
17     </ul>
18   </li>
19   <li>Light Emitting Diodes (LEDs)</li>
20   <li>Halogen</li>
21 </ul>
22 </body>
23 </html>
```

practice.html

Now copy the ul element in step 5. Paste it in the blank line we created. Notice how the indenting helps show the HTML container nesting in the code.

Testing in the Web Browser

How to Change a Light Bulb

1. Get a replacement with recommended wattage.
2. Disconnect the power supply. Turn off at the wall, socket or lamp
3. Wait until bulb is cool to touch
4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
5. Unscrew the old bulb.
6. Screw in the replacement bulb.
7. Connect the power supply.
8. Dispose old bulb safely.
 - Follow any manufacture recommendations.
 - Obey local laws.
 - Keep out of reach of children.

Save and check in the web browser. Now you have a combined numbered list with a second level bulleted list.

Summary

- * **Understand the ol and li elements**
- * Create a basic one level numbered list
- * Learn how to nest ol and ul elements
- * View and test with web browser

```
<ol>  
  <li></li>  
  <li></li>  
  <li></li>  
</ol>
```

How to Change a Light Bulb

1. Get a replacement with recommended wattage.
2. Disconnect the power supply. Turn off at the wall, socket or lamp
3. Wait until bulb is cool to touch
4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
5. Unscrew the old bulb.
6. Screw in the replacement bulb.
7. Connect the power supply.
8. Dispose old bulb safely.

We are done for this exercise.

As promised the numbered HTML lists are not really different from the bulleted lists.

Summary

- * Understand the ol and li elements

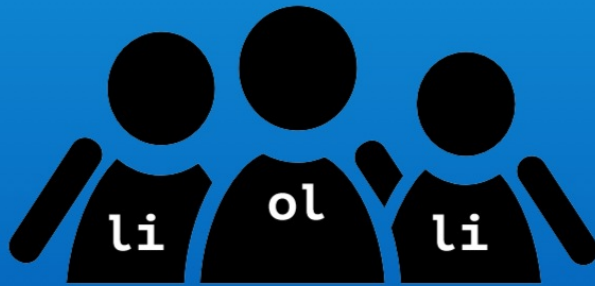
- * Create ol Element Allowed Contents

- * The li elements

- * Learn ol and ul elements

- * Content and other HTML Element

- * View and test with web browser



```
<ol>
  <li></li>
  <li></li>
  <li></li>
</ol>
```

The ol and li elements are team mates. The ol element is the container and only allows li elements and white space for code styling.

Summary

- * Understand the ol and li elements
- * Create a basic one level numbered list
- * Learn how to nest ol and ul elements
- * View and test with web browser

```
<ol>  
  <li>Get a replacement . . .</li>  
  <li>Disconnect the power . . .</li>  
  <li>Wait until bulb . . .</li>  
</ol>
```



How to Change a Light Bulb

1. Get a replacement with recommended wattage.
2. Disconnect the power supply. Turn off at the wall, socket or lamp
3. Wait until bulb is cool to touch
4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
5. Unscrew the old bulb.
6. Screw in the replacement bulb.
7. Connect the power supply.
8. Dispose old bulb safely.

Because HTML automatically increments the numbers for us, we can quickly build sequentially numbered lists.

Summary

* li Element Default Number Symbols

1	number (default)
a	lower case letter
A	upper case letter
i	lower case Roman numeral
I	upper case Roman numeral

* View and test with web browser

```
<ol>
  <li>Get a replacement . . .</li>
  <li>Disconnect the power . . .</li>
  <li>Wait until bulb . . .</li>
</ol>
```



How to Change a Light Bulb

1. Get a replacement with recommended wattage.
2. Disconnect the power supply. Turn off at the wall, socket or lamp
3. Wait until bulb is cool to touch
4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
5. Unscrew the old bulb.
6. Screw in the replacement bulb.
7. Connect the power supply.
8. Dispose old bulb safely.

We also have some choices for the type of numbers. We will explore how to use these in an upcoming exercise.

Summary

- * Understand the ol and li elements
- * Create a basic one level numbered list
- * Learn how to nest ol and ul elements
- * View and test with web browser

```
<ol>  
  <li>Dispose old bulb . . .  
    <ul>  
      <li>Follow any manuf . . .</li>  
    </ul>  
  </li>  
</ol>
```



How to Change a Light Bulb

1. Get a replacement with recommended wattage.
2. Disconnect the power supply. Turn off at the wall, socket or lamp
3. Wait until bulb is cool to touch
4. Wear safety gloves. Bulbs can break and some are toxic if they do break.
5. Unscrew the old bulb.
6. Screw in the replacement bulb.
7. Connect the power supply.
8. Dispose old bulb safely.
 - Follow any manufacture recommendations.
 - Obey local laws.
 - Keep out of reach of children.

We found that nesting bulleted and numbered lists is quite flexible.

Summary

- * Understand the ol and li elements
- * Create a basic one level numbered list
- * Learn how to nest ol and ul elements
- * View and test with web browser

How to Change a Light Bulb

1. Get a replacement with recommended wattage

1. 1224

list-style-type:decimal



Styles	Computed	Event Listeners	DOM Breakpoints	Properties
element.style {				
}				
li {				
display: list-item;				
text-align: -webkit-match-parent;				
}				
Inherited from ol				
ol {				
display: block;				
list-style-type: decimal;				
-webkit-margin-before: 1em;				
-webkit-margin-after: 1em;				
-webkit-margin-start: 0px;				
-webkit-margin-end: 0px;				
-webkit-padding-start: 40px;				
}				

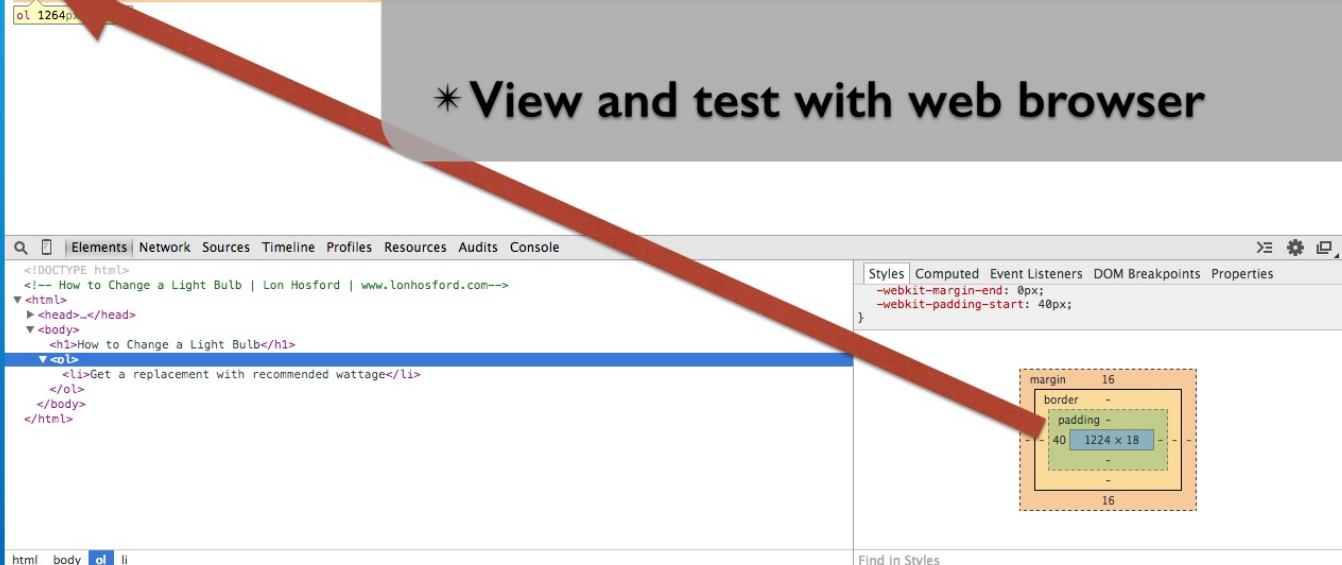
The web tools revealed that the defaulted CSS list-style-type property value for a li element is decimal when contained by an ol element.

Summary

- * Understand the ol and li elements
- * Create a basic one level numbered list
- * Learn how to nest ol and ul elements
- * View and test with web browser

How to Change a Light Bulb

1. Get a replacement with recommended wattage



And the list item labels for the ol element are positioned within the left padding of each li element as they were with the ul element.

Summary

- * Understand the ol and li elements
- * Create a basic one level numbered list
- * Learn how to nest ol and ul elements
- * View and test with web browser



CONGRATS



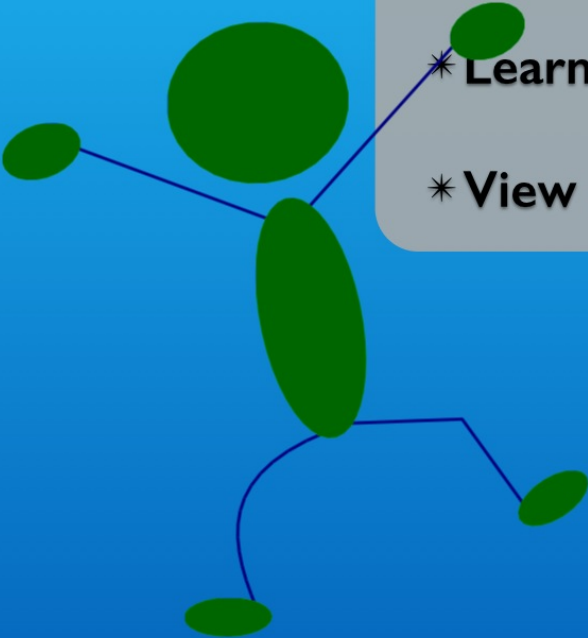
Congratulations! You are over the hump for creating bulleted and numbered lists in HTML.

Summary

- * Understand the ol and li elements
- * Create a basic one level numbered list
- * Learn how to nest ol and ul elements
- * View and test with web browser



CONGRATS



There is little more to know about the ol element and we will get to that in an exercise coming up. See you there.

How To Create Ordered HTML Lists

With Lon Hosford

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This is a Visual Step by Step Workbook and voice transcript for accompanying video for this portion of the course.