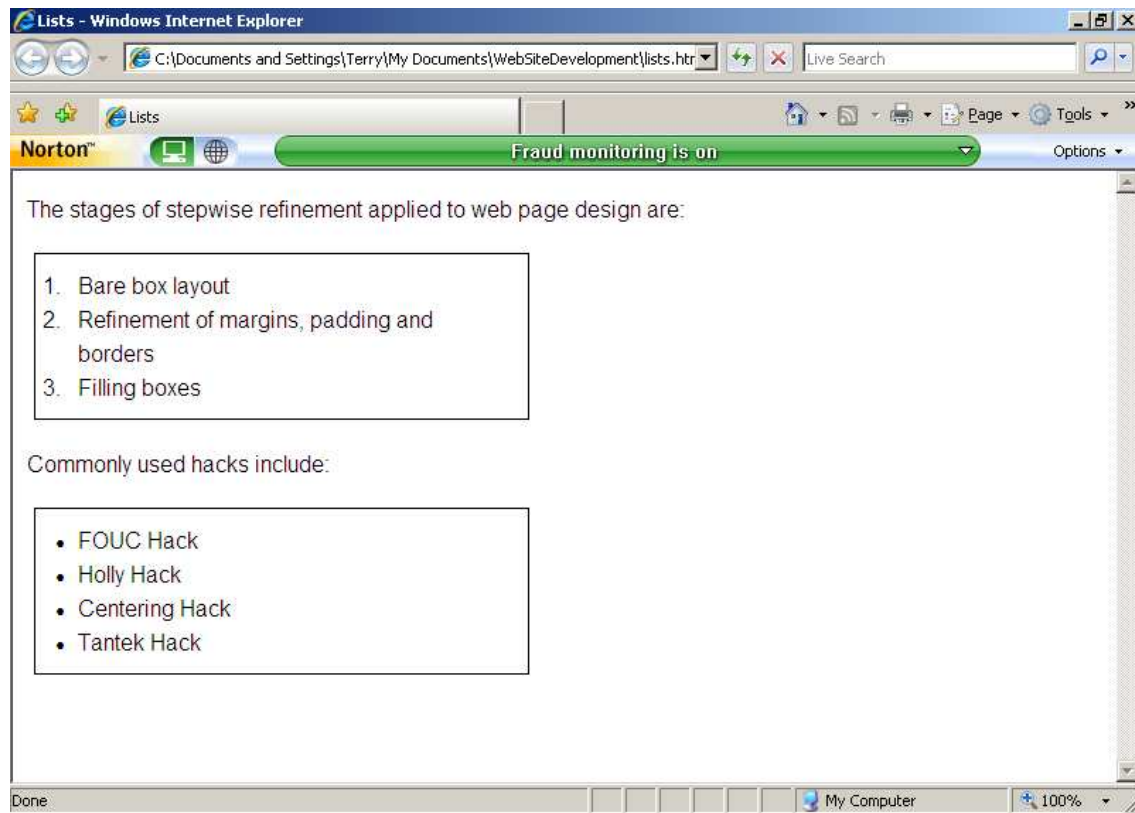


Website Development

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6 Lists

We look at ordered and unordered lists.



6.1 Ordered Lists

An ordered list is also known as a numbered list.

1. Bare box layout
2. Refinement of margins, padding and borders
3. Filling boxes

In a style sheet we might write:

```
ol {  
  list-style-type: decimal;  
  list-style-position: outside;  
  width: 22em;  
  margin: 0.75em 0 0 1em;  
  padding: 0.5em 0.5em 0.5em 2.25em;  
  border: 1px solid black;  
}
```

Notice that we specify width, margin and padding in em just as the font-size is specified in em.

The list-style-type specifies the numbering system:

decimal	European-Arabic (normal)	1, 2, 3, 4, ..
lower-roman	Lowercase Roman	i, ii, iii, iv, ...
upper-roman	Uppercase Roman	I, II, III, IV, ...
lower-alpha	Lowercase alphabetic	a, b, c, d, ...
upper-alpha	Uppercase alphabetic	A, B, C, D, ...
none	nothing	

In HTML:

```
<ol>  
<li>Bare box layout</li>  
<li>Refinement of margins, padding and borders</li>  
<li>Filling boxes</li>  
</ol>
```

where `` introduces an ordered list, `` ends it, and `` introduces a list item and `` ends it.

6.2 Un-ordered Lists

An un-ordered list is also known as a bullet-pointed list.

- Flash of Unstyled Content Hack (FOUC)
- Holly Hack
- Centering Hack
- Tantek Hack

In a style sheet we might write:

```
ul {  
  list-style-type: disc;  
  list-style-position: outside;  
  width: 22em;  
  margin: 0.75em 0 0 1em;  
  padding: 0.5em 0.5em 0.5em 2.25em;  
  border: 1px solid black;  
}
```

The list-style-type specifies the bullet-point style:

disc	solid circle
circle	outline circle
square	solid square
none	nothing

In HTML:

```
<ul>  
<li>FOUC Hack</li>  
<li>Holly Hack</li>  
<li>Centering Hack</li>  
<li>Tantek Hack</li>  
</ul>
```

where `` introduces an unordered list and `` ends it.

6.3 The Style Sheet

The complete style sheet, named `liststyle.css`, is shown below. Note that the font and font-size for the list item, `li`, is specified.

```
/* liststyle.css - style sheet for lists.html */

p, li {
    font-family: Arial, Helvetica, sans-serif;
}

p, li {
    font-size: 1em;
    line-height: 1.5em;
}

ol {
    list-style-type: decimal;
    list-style-position: outside;
    width: 22em;
    margin: 0.75em 0 0 1em;
    padding: 0.5em 0.5em 0.5em 2.25em;
    border: 1px solid black;
}

ul {
    list-style-type: disc;
    list-style-position: outside;
    width: 22em;
    margin: 0.75em 0 0 1em;
    padding: 0.5em 0.5em 0.5em 2.25em;
    border: 1px solid black;
}
```

6.4 The HTML Code

The entire html file, named lists.html, is shown below.

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN">
<html>
<head>
<title>Lists</title>
<meta http-equiv="Content-Type"
content="text/html;charset=utf-8">

<style type="text/css">
@import url(liststyle.css);
</style>

</head>
<body>
<p>The stages of stepwise refinement applied to web page
design are:</p>
<ol>
<li>Bare box layout</li>
<li>Refinement of margins, padding and borders</li>
<li>Filling boxes</li>
</ol>
<p>Commonly used hacks include:</p>
<ul>
<li>FOUC Hack</li>
<li>Holly Hack</li>
<li>Centering Hack</li>
<li>Tantek Hack</li>
</ul>

</body>
</html>
```

6.5 Exercise

1. Try out the style sheet and the HTML code shown above. Experiment with number and bullet-point styles. Experiment with widths, margins and padding.