

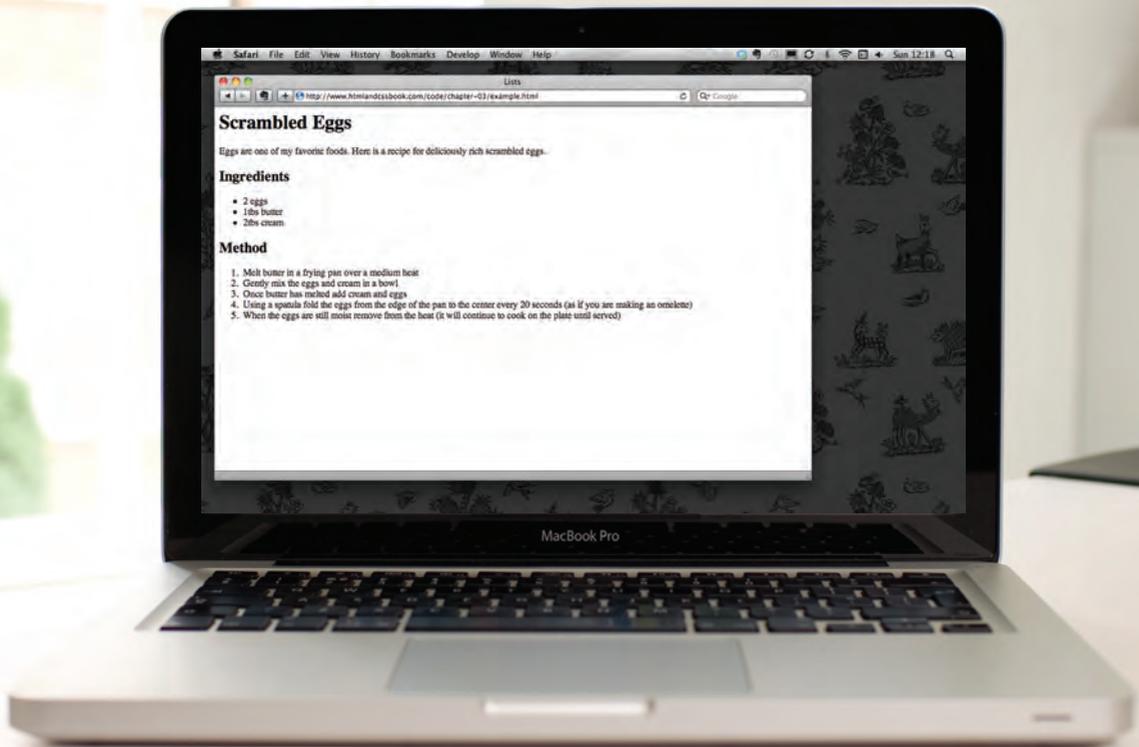
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LISTS

- ▶ Numbered lists
- ▶ Bullet lists
- ▶ Definition lists

There are lots of occasions when we need to use lists. HTML provides us with three different types:

- **Ordered lists** are lists where each item in the list is numbered. For example, the list might be a set of steps for a recipe that must be performed in order, or a legal contract where each point needs to be identified by a section number.
- **Unordered lists** are lists that begin with a bullet point (rather than characters that indicate order).
- **Definition lists** are made up of a set of terms along with the definitions for each of those terms.



Scrambled Eggs

Eggs are one of my favorite foods. Here is a recipe for deliciously rich scrambled eggs.

Ingredients

- 2 eggs
- 100g butter
- 200g cream

Method

1. Melt butter in a frying pan over a medium heat
2. Gently mix the eggs and cream in a bowl
3. Once butter has melted add cream and eggs
4. Using a spatula fold the eggs from the edge of the pan to the center every 20 seconds (as if you are making an omelette)
5. When the eggs are still moist remove from the heat (it will continue to cook on the plate until served)

ORDERED LISTS

The ordered list is created with the `` element.

Each item in the list is placed between an opening `` tag and a closing `` tag. (The `li` stands for list item.)

Browsers indent lists by default.

Sometimes you may see a `type` attribute used with the `` element to specify the type of numbering (numbers, letters, roman numerals and so on). It is better to use the CSS `list-style-type` property covered on pages 333-335.

chapter-03/ordered-lists.html

HTML

```
<ol>
  <li>Chop potatoes into quarters</li>
  <li>Simmer in salted water for 15-20
    minutes until tender</li>
  <li>Heat milk, butter and nutmeg</li>
  <li>Drain potatoes and mash</li>
  <li>Mix in the milk mixture</li>
</ol>
```

RESULT

1. Chop potatoes into quarters
2. Simmer in salted water for 15-20 minutes until tender
3. Heat milk, butter and nutmeg
4. Drain potatoes and mash
5. Mix in the milk mixture

UNORDERED LISTS

HTML

chapter-03/unordered-lists.html

```
<ul>
  <li>1kg King Edward potatoes</li>
  <li>100ml milk</li>
  <li>50g salted butter</li>
  <li>Freshly grated nutmeg</li>
  <li>Salt and pepper to taste</li>
</ul>
```

RESULT

- 1kg King Edward potatoes
- 100ml milk
- 50g salted butter
- Freshly grated nutmeg
- Salt and pepper to taste

The unordered list is created with the element.

Each item in the list is placed between an opening tag and a closing tag. (The li stands for list item.)

Browsers indent lists by default.

Sometimes you may see a type attribute used with the element to specify the type of bullet point (circles, squares, diamonds and so on). It is better to use the CSS list-style-type property covered on pages 333-335.

DEFINITION LISTS

<d1>

The definition list is created with the <d1> element and usually consists of a series of terms and their definitions.

Inside the <d1> element you will usually see pairs of <dt> and <dd> elements.

<dt>

This is used to contain the term being defined (the definition term).

<dd>

This is used to contain the definition.

Sometimes you might see a list where there are two terms used for the same definition or two different definitions for the same term.

chapter-03/definition-lists.html

HTML

```
<d1>
  <dt>Sashimi</dt>
  <dd>Sliced raw fish that is served with
      condiments such as shredded daikon radish or
      ginger root, wasabi and soy sauce</dd>
  <dt>Scale</dt>
  <dd>A device used to accurately measure the
      weight of ingredients</dd>
  <dd>A technique by which the scales are removed
      from the skin of a fish</dd>
  <dt>Scamorze</dt>
  <dt>Scamorzo</dt>
  <dd>An Italian cheese usually made from whole
      cow's milk (although it was traditionally made
      from buffalo milk)</dd>
</d1>
```

RESULT

```
Sashimi
  Sliced raw fish that is served with condiments such as
  shredded daikon radish or ginger root, wasabi and soy
  sauce
Scale
  A device used to accurately measure the weight of
  ingredients
  A technique by which the scales are removed from the
  skin of a fish
Scamorze
Scamorzo
  An Italian cheese usually made from whole cow's milk
  (although it was traditionally made from buffalo milk)
```

NESTED LISTS

HTML

chapter-03/nested-lists.html

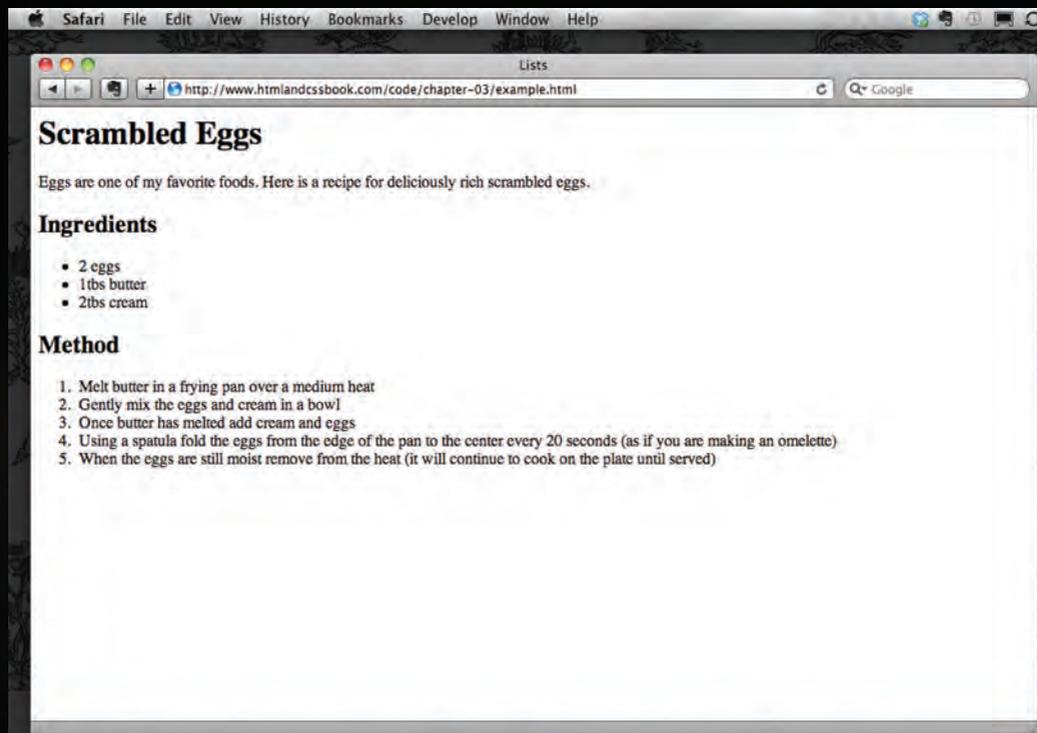
```
<ul>
  <li>Mousses</li>
  <li>Pastries
    <ul>
      <li>Croissant</li>
      <li>Mille-feuille</li>
      <li>Palmier</li>
      <li>Profiterole</li>
    </ul>
  </li>
  <li>Tarts</li>
</ul>
```

You can put a second list inside an `` element to create a sub-list or nested list.

Browsers display nested lists indented further than the parent list. In nested unordered lists, the browser will usually change the style of the bullet point too.

RESULT

- Mousses
- Pastries
 - Croissant
 - Mille-feuille
 - Palmier
 - Profiterole
- Tarts



Scrambled Eggs

Eggs are one of my favorite foods. Here is a recipe for deliciously rich scrambled eggs.

Ingredients

- 2 eggs
- 1 tbs butter
- 2 tbs cream

Method

1. Melt butter in a frying pan over a medium heat
2. Gently mix the eggs and cream in a bowl
3. Once butter has melted add cream and eggs
4. Using a spatula fold the eggs from the edge of the pan to the center every 20 seconds (as if you are making an omelette)
5. When the eggs are still moist remove from the heat (it will continue to cook on the plate until served)

MacBook Pro

EXAMPLE

LISTS

Here you can see a main heading followed by an introductory paragraph. An unordered list is used to outline the ingredients and an ordered list is used to describe the steps.

```
<html>
  <head>
    <title>Lists</title>
  </head>
  <body>
    <h1>Scrambled Eggs</h1>
    <p>Eggs are one of my favourite foods. Here is a
      recipe for deliciously rich scrambled eggs.</p>
    <h2>Ingredients</h2>
    <ul>
      <li>2 eggs</li>
      <li>1tbs butter</li>
      <li>2tbs cream</li>
    </ul>
    <h2>Method</h2>
    <ol>
      <li>Melt butter in a frying pan over a medium
        heat</li>
      <li>Gently mix the eggs and cream in a bowl</li>
      <li>Once butter has melted add cream and eggs</li>
      <li>Using a spatula fold the eggs from the edge of
        the pan to the center every 20 seconds (as if
        you are making an omelette)</li>
      <li>When the eggs are still moist remove from the
        heat (it will continue to cook on the plate
        until served)</li>
    </ol>
  </body>
</html>
```


SUMMARY

LISTS

- ▶ There are three types of HTML lists: ordered, unordered, and definition.
- ▶ Ordered lists use numbers.
- ▶ Unordered lists use bullets.
- ▶ Definition lists are used to define terminology.
- ▶ Lists can be nested inside one another.