

WEBSITE AUTHORIZING – Lesson #5: Ordered and unordered lists

Objectives:

When you have completed this lesson you will:

- be able to add an ordered list to a web page
- be able to add an unordered list to a web page

Note: You will need to download the two .gif images from the website that are alongside this worksheet: *TeaMug.gif* and *City.gif* [If necessary you may need to use an image editor to convert these images to .gif images if you cannot save these in .gif format when you right click on the images – refer to Lesson #2]

1 About Lists

It is doubtful that you do not know what a *list* is. A list is a very common way of explaining how to do something in a step-by-step way. Lists make it easy to explain something that might otherwise need a large paragraph. Lists usually make information more readable and therefore useable.

If you are familiar with using bullet points in a word processor you will have no difficulty picturing how lists work. Here is a list of places that I have lived:

- Bradford
- Huddersfield
- Croydon
- Marbella
- Kuwait City

This list is an **Unordered** list. That means that the bullet points are not numbered. This idea might apply to a list of your favourite friends or music groups.... anything where the order or sequence is not important.

Alternatively, order might be important – making a mug of tea for example..

1. fill kettle with water
2. make sure kettle is plugged in, switch on
3. wait for kettle to boil
4. put a tea bag in a mug
5. pour boiling water into the mug and fill to about ¾ full
6. wait 3 minutes and then take tea bag out of mug
7. add milk and sugar as required.

Those students of computer studies might recognise this as an **algorithm**

This as you might guess is an example of an **ordered** list.

2 Tags for lists

The tags for creating these are quite easy to remember. In each case you need to start and stop the list: , for an **unordered** list, and , for an **ordered** list.

Each item in the list also needs to have a tag - to start and to stop.

The first list would be written like this:

```
<ul>
<li>Bradford</li>
<li>Huddersfield</li>
<li>Croydon</li>
<li>Marbella</li>
<li>Kuwait City</li>
</ul>
```

Complete the tags for the second **ordered** list by writing them in here:

```
< >
< >fill kettle with water< >
< >make sure kettle is plugged in, switch on< >
< >wait for kettle to boil< >
< >put a tea bag in a mug< >
< >pour boiling water into the mug and fill to about ¾ full< >
< >wait 3 minutes and then take the tea bag out of the mug< >
< >add milk and sugar as required< >
```

Note: the bullet points and/or numbering are inserted by the browser automatically. You can in fact change or add your own designs for bullet points but it is not intended to be covered here.

Open Notepad on your computer.

Type in the following (indents make it easier to read):

```
<html>
<head>
  <title>Web Authoring – tables and lists</title>
</head>

<body>

</body>

</html>
```

Save the document as **Pagelist.html**

You are going to create a page that looks something like this:

Heading	
Picture 1	List 1
List 2	Picture 2

The heading will be: **2 great examples of lists**

Picture 1 will be *TeaMug.gif*, Picture 2 will be *City.gif*.

List 1 will be the ordered list for making tea and List 2 the unordered list of cities.

First you need to remember what the tags are needed – write them in here.

To start and stop a table?

To start and stop a row?

To start and stop a cell in a row?

The first row only has one cell, so it must **span** two columns. How do you do that?

TeaMug.gif is to have the dimensions 200 wide, 154 tall

City.gif is to have the dimensions 200 wide, 123 tall

What will the tags for these two images be?

The table itself is to be 60% of the screen width and a border. What will the <table> tag look like?

The table is to be centred in the page? Where will the tags go?

The heading is centred and has bold and italic characters. How do you achieve that?

That is a lot to think about but as you will be starting to realise one of the biggest things to think about is planning. A web page will not just fall together by itself. As you have probably found, your web browser does not overlook your html mistakes either. A small mistake might make your page look really weird!

Now put all the tags together between the <body> and </body> tags. Remember to keep on saving the html code and refreshing your browser. I am not going to help you here except to say that the 'solution' is on the website as **TeaMug.html** where you picked up this sheet and the two .gif images. You can, of course, view the source code (*html*) after you have displayed the page.

Good luck.