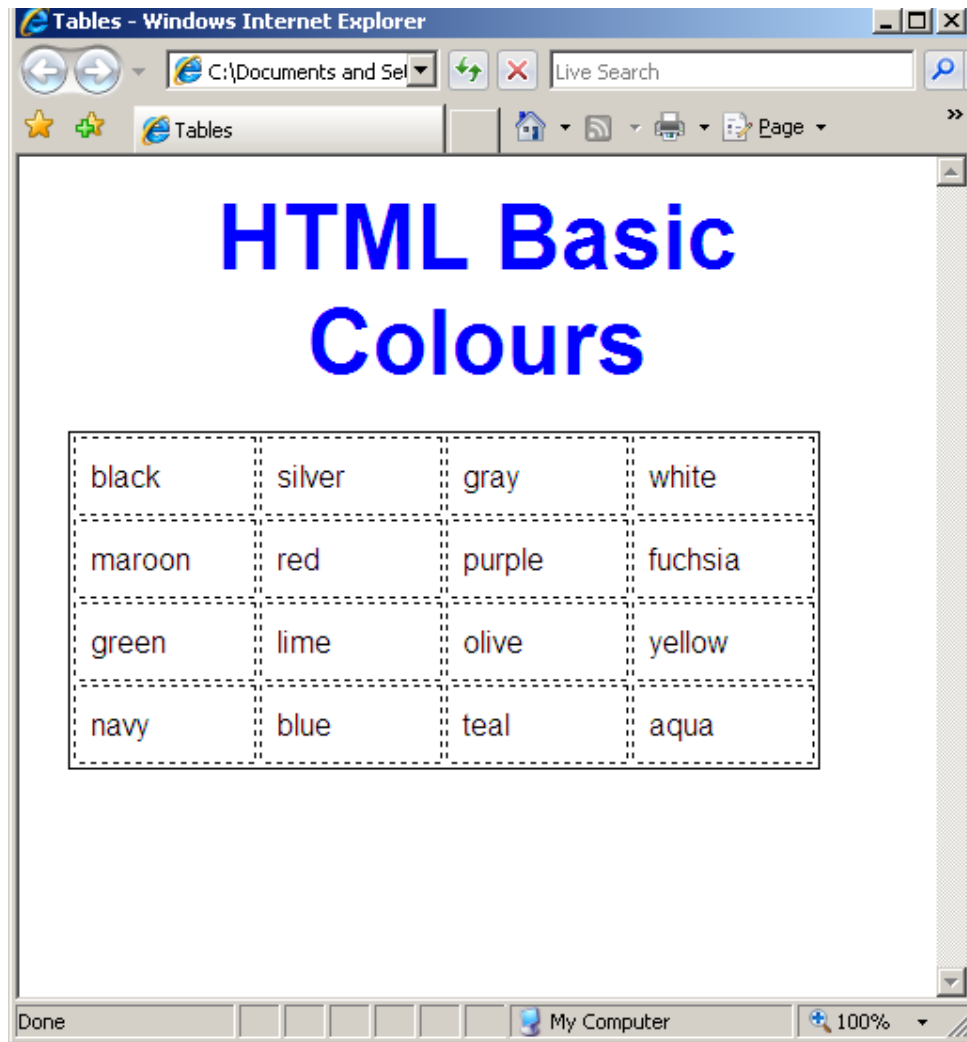


Website Development

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9 Tables

We use tables to display information.



9.1 Style Sheet

The style sheet is named `tablestyle.css`.

Each cell in a table is represented by `<td>` for table data. We specify the text font as Arial and the size as 1em.

```
/* tablestyle.css - style sheet for tables.html */

p, h1, td {
  font-family: Arial, Helvetica, sans-serif;
}

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

h1 {
  font-size: 3em;
  color: blue;
  background: transparent;
  text-align: center;
}

table {
  border: 1px solid black;
  margin: 1em;
  width: 25em;
  border-collapse: separate;
}

td {
  width: 5em;
  padding: 0.5em;
  border: 1px dashed black;
}
```

Margins are applied to tables but not to table data.

Padding is applied to table data but not to tables.

Setting the table width ensures the table does not get squashed when the window size is reduced.

border-collapse: separate; means that each cell has its own individual border. In theory you should be able to set the distance between cells with the table property border-spacing, but this does not work with Internet Explorer.

9.2 HTML

The HTML, shown below, is named tables.html.

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

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

</head>
<body>
<h1>HTML Basic Colours</h1>
<table>
<tr><td>black</td><td>silver</td><td>gray</td><td>white</td>
</tr>
<tr><td>maroon</td><td>red</td><td>purple</td><td>fuchsia</td>
</tr>
<tr><td>green</td><td>lime</td><td>olive</td><td>yellow</td>
</tr>
<tr><td>navy</td><td>blue</td><td>teal</td><td>aqua</td>
</tr>
</table>
</body>
</html>
```

A table contains one or more rows. Rows are horizontal. (You **row** a boat towards the **horizon**). A row contains one or more cells.

<table> introduces a table and </table> ends it. <tr> introduces a table row and </tr> ends it. <td> introduces a table cell and </td> ends it.

9.3 Exercises

1. Try out the table HTML and style sheet shown above. Experiment with margin, width and padding settings. Try border-collapse with the *border* value instead of the collapse value).
2. Check out the effect of both `text-align: right;` and `text-align: center;` in the `td` section of the style sheet.