**Working with Tables**

There are several types of information that need to be displayed in a grid or table. For example: sports results, stock reports, timetables. When representing information in a table, you need to think in terms of a grid made up of rows and columns (a bit like a spreadsheet). In this Lecture you will learn how to create a table in Html 5.

**What's a Table?**

A table represents information in a grid format. Examples of tables include financial reports, TV schedules, and sports results.

**Basic Table Structure**

**<table>**

The <table> element is used to create a table. The contents of the table are written out row by row.

**<tr>**

You indicate the start of each row using the opening <tr> tag. (The tr stands for table row.).It is followed by one or more <td> elements (one for each cell in that row). At the end of the row you use a closing </tr> tag.

<td>

Each cell of a table is represented using a <td> element. (The td stands for table data.)At the end of each cell you use a closing </td> tag.

**Table headings**

**<th>**

The <th> element is used just like the <td> element but its purpose is to represent the heading for either a column or a row. (The th stands for table heading.) Even if a cell has no content, you should still use a <td> or <th> element to represent the presence of an empty cell otherwise the table will not render correctly.

You can use the scope attribute on the <th> element to indicate whether it is a heading for a column or a row. It can take the values: row to indicate a heading for a row or col to indicate a heading for a column.

**Long Tables**

There are three elements that help distinguish between the main content of the table and the first and last rows (which can contain different content).These elements help people who use screen readers and also allow you to style these sections in a different manner than the rest of the table.

**<thead>**

The headings of the table should sit inside the <thead> element.

**<tbody>**

The body should sit inside the <tbody> element.

**<tfoot>**

The footer belongs inside the <tfoot> element.