<th> - TABLE HEADER TAG IN HTML

- The <th> tag is used to specify a **header cells** in the table.
- There are the two kinds of cells in the table.
  - ➤ **Header cells**, which specifies the header information using <th>tag.
  - ➤ **Standard cells**, which specifies the data using <td> tag.
- The <th> tag supports **Global Attributes and Event Attributes.**

Syntax for <th> tag:

<th> content </th >

Differences between HTML 4.01 and HTML5 for <th> tag:

HTML 4.01

- abbr, align, axis, bgcolor, char, charoff, colspan, headers, height, nowrap, rowspan, scope, sorted, valign, width attributes are supported.

HTML 5

- All layout attributes are removed except colspan, headers, rowspan, scope and sorted.

Sample coding for <th> tag:

```html
<!DOCTYPE html>
<html>
  <body>
    <table border=1>
     <tr>
        <th>Firstname</th>
        <th>Lastname</th>
     </tr>
     <tr>
        <td>Wiki</td>
        <td>techy</td>
     </tr>
    </table>
  </body>
</html>
```

Code Explanation for <th> tag:
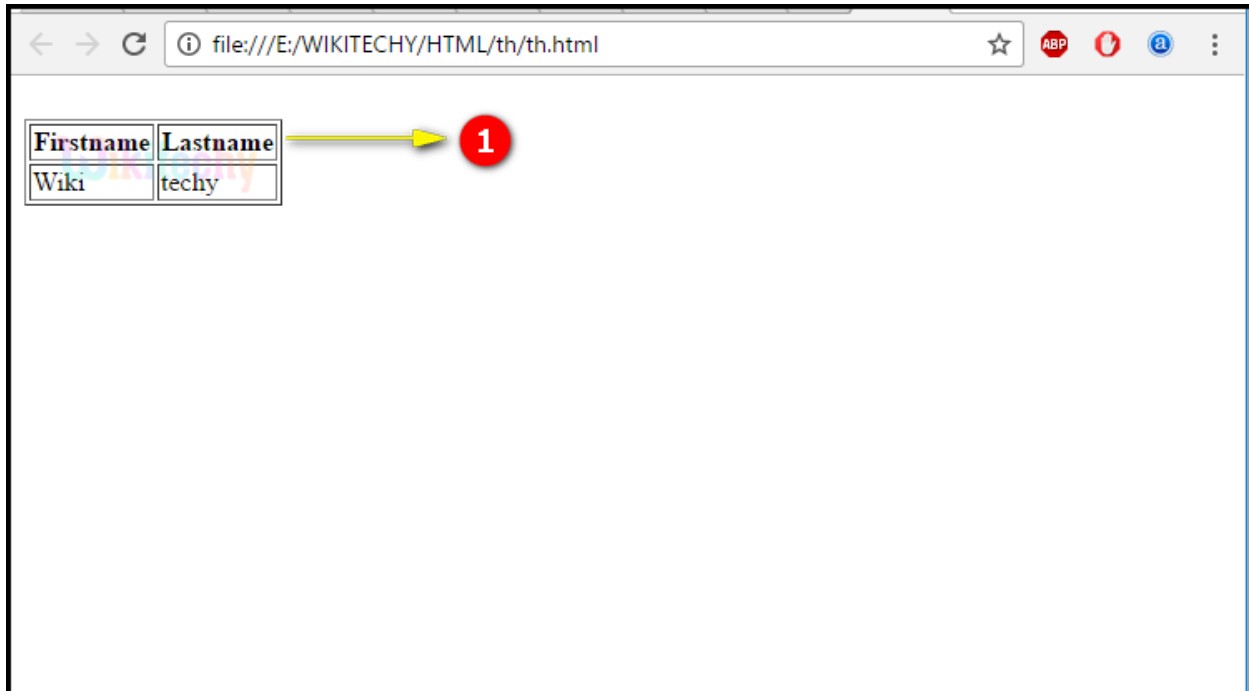
```
<!DOCTYPE html>
<html>
    <body>
        <table border=1>
          <tr>
              <th>Firstname</th>
              <th>Lastname</th>
          </tr>
          <tr>
              <td>Wiki</td>
              <td>techy</td>
          </tr>
        </table>
    </body>
</html>
```

1. **<th> tag** - is used to defined the content of the table's header elements.
2. **Firstname** is the data of the header table which is shown in dark letters.

Sample Output for <th> tag:

Firstname	Lastname
Wiki	techy

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1. Here we can see the output **Firstname** and **lastname** defines the table header.

Attributes list:

Attributes	Value	HTML 4	HTML 5	Description
align	left right center justify char	Yes	No	Provides the alignment of the content.
valign	top middle bottom baseline	Yes	No	Describes the alignment of the content in vertical.
char	character	Yes	No	Defines the content alignment relevant to a character.

charoff	number	Yes	No	Provides the number of characters.
width	pixels %	Yes	No	the width of a cell
scope	col colgroup row rowgroup	Yes	No	to associate header cells and data cells in a table
abbr	text	Yes	No	abbreviated version of the content in a cell
axis	category_ name	Yes	No	Categorizes cells
bgcolor	rgb(x,x,x) #xxxxxx colorname	Yes	No	the background color of a cell
headers	header_id	Yes	Yes	a cell is related to one or more header cells.
colspan	number	Yes	Yes	the number of columns a cell should span
height	pixels %	Yes	No	the height of a cell
nowrap	nowrap	Yes	No	the content inside a cell should not wrap
rowspan	number	Yes	Yes	the number of rows a cell should span
sorted	reversed number reversed number number reversed	Yes	Yes	the sort direction of a column

Browser Support for <th> tag:

Browser	Language Attribute
Chrome	Yes
Internet explorer / Edge	Yes
Firefox	Yes
Safari	Yes
Opera	Yes

Tips and Notes

- The colspan and rowspan attribute is used to let the content span over different columns or rows