Html
– hypertext markup language
(examples taken from w3schools.com)
Html: Introduction

- Markup language
- Defines and describes web pages
- Different versions
## Html: First example

```
<html>
<body>
  <h1>My First Heading</h1>
  <p>My first paragraph.</p>
</body>
</html>
```

**Your Result:**

My First Heading

My first paragraph.
<html>
<body>
<h1>This is heading 1</h1>
<h2>This is heading 2</h2>
<h3>This is heading 3</h3>
<h4>This is heading 4</h4>
<h5>This is heading 5</h5>
<h6>This is heading 6</h6>
</body>
</html>
Html: Paragraphs

This is a paragraph.

This is a paragraph.

This is a paragraph.

Paragraph elements are defined by the p tag.
Html: Line breaks and lines

Edit and Click Me >>

```html
<html>
<body>
<p>This is<br/>a para<br/>graph with line breaks</p>
</body>
</html>

<p>This is a paragraph</p>
<p>This is a paragraph</p>
<p>This is a paragraph</p>
<p>This is a paragraph</p>
<p>This is a paragraph</p>
<p>The hr tag defines a horizontal rule:</p>

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This is a paragraph
This is a paragraph
This is a paragraph
Html: Comments

```html
<html>
<body>
  <!--This comment will not be displayed-->
  <p>This is a regular paragraph</p>
</body>
</html>
```

This is a regular paragraph
<table> defines an HTML table.

<table border="1">

<body> defines the body of an HTML document.

<body bgcolor="yellow">
<table>
<thead>
<tr>
<th>Edit and Click Me &gt;&gt;</th>
<th>Your Result:</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;html&gt;</td>
<td><strong>This is a link</strong></td>
</tr>
<tr>
<td>&lt;body&gt;</td>
<td></td>
</tr>
<tr>
<td>&lt;a href=&quot;http://www.w3schools.com&quot;&gt;This is a link&lt;/a&gt;</td>
<td></td>
</tr>
<tr>
<td>&lt;/body&gt;</td>
<td></td>
</tr>
<tr>
<td>&lt;/html&gt;</td>
<td></td>
</tr>
</tbody>
</table>
Html: Images

```html
<html>
<body background="background.jpg">

<p>
An image from another folder:
<img src="/images/netscape.gif" width="33" height="32">
</p>

<p>
An image from W3Schools:
<img src="http://www.w3schools.com/images/ie.gif" width="73" height="68" alt="Explorer logotype">
</p>

<br/> <br/>

<h3>Look: A background image!</h3>

<p>If the image is smaller than the page, the image will repeat itself.</p>

</body>
</html>
```
Html: Elements

<html>
<body>
<p>This is my first paragraph</p>
</body>
</html>

This example contains 3 HTML elements.
Html: Lists

An Unordered List:
- Coffee
- Tea
- Milk

An Ordered List:
1. Coffee
2. Tea
3. Milk
<html>
<body>
<h4>Table headers:</h4>
<table border="1">
  <tr>
    <th>Name</th>
    <th>Telephone</th>
    <th>Telephone</th>
  </tr>
  <tr>
    <td>Bill Gates</td>
    <td>555 77 854</td>
    <td>555 77 855</td>
  </tr>
</table>
</body>
</html>
Html: Forms

```html
<html>
<body>
<form action="">

Username:
<input type="text" name="user">
<br/>

Password:
<input type="password" name="password">
</form>

<p>Note that when you type characters in a password field, the browser displays asterisks or bullets instead of the characters.</p>

</body>
</html>
```
<html>
<body style="background-color: PowderBlue;">
<h1>Look! Styles and colors</h1>
<p style="font-family: verdana; color: red">This text is in Verdana and red</p>
<p style="font-family: times; color: green">This text is in Times and green</p>
<p style="font-size: 30px">This text is 30 pixels high</p>
</body>
</html>
Thanks for listening!