

Lecture 03

Basic Web Development

HTML & CSS

by K Mohamed Aasik

About Our Company

Clevonex



- We elevate brands through world class digital experiences.
- We design, build and maintain software solution for our customers.
- Let's confidently scale your business process worldwide.
- We elevate brands through world class digital experiences.



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Last lecture recap

- Online resource
- HTML elements & attributes
- HTML tags
- Main contents (image, link, etc.)
- Formatting elements
- View source code in browsers

Let's clarify all doubts at last of this lecture!



HTML Tables

```
index.html

<table>
  <tr>
    <th>Company</th>
    <th>Contact</th>
    <th>Country</th>
  </tr>
  <tr>
    <td>Alfreds Futterkiste</td>
    <td>Maria Anders</td>
    <td>Germany</td>
  </tr>
  <tr>
    <td>Centro comercial Moctezuma</td>
    <td>Francisco Chang</td>
    <td>Mexico</td>
  </tr>
</table>
```

Company	Contact	Country
Alfreds Futterkiste	Maria Anders	Germany
Centro comercial Moctezuma	Francisco Chang	Mexico



HTML Lists

Unordered List >

Ordered List >

Description List >

```
index.html

<!-- Unordered List -->
<ul>
  <li>Apple</li>
  <li>Orange</li>
  <li>Mango</li>
</ul>

<!-- Ordered List -->
<ol>
  <li>Ready</li>
  <li>Set</li>
  <li>Go</li>
</ol>

<!-- Description List -->
<dl>
  <dt>HTML</dt>
  <dd>Hyper-Text Markup Language</dd>
  <dt>CSS</dt>
  <dd>Cascading StyleSheets</dd>
  <dt>JS</dt>
  <dd>Javascript</dd>
</dl>
```

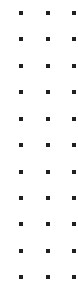


HTML pre Tag

```
<pre>  
  This   Text will  
  be shown  exactly  
          as it   is written.  
</pre>
```



This Text will
 be shown exactly
 as it is written.





HTML Block and Inline Elements

Block Elements

<code><address></code>	<code><article></code>	<code><aside></code>
<code><blockquote></code>	<code><canvas></code>	<code><dd></code>
<code><div></code>	<code><dl></code>	<code><dt></code>
<code><fieldset></code>	<code><figcaption></code>	<code><figure></code>
<code><footer></code>	<code><form></code>	<code><h1>-<h6></code>
<code><header></code>	<code><hr></code>	<code></code>
<code><main></code>	<code><nav></code>	<code><noscript></code>
<code></code>	<code><p></code>	<code><pre></code>
<code><section></code>	<code><table></code>	<code><tfoot></code>
<code></code>	<code><video></code>	

Inline Elements

<code><a></code>	<code><abbr></code>	<code><acronym></code>
<code></code>	<code><bdo></code>	<code><big></code>
<code>
</code>	<code><button></code>	<code><cite></code>
<code><code></code>	<code><dfn></code>	<code></code>
<code><i></code>	<code></code>	<code><input></code>
<code><kbd></code>	<code><label></code>	<code><map></code>
<code><object></code>	<code><output></code>	<code><q></code>
<code><samp></code>	<code><script></code>	<code><select></code>
<code><small></code>	<code></code>	<code></code>
<code><sub></code>	<code><sup></code>	<code><textarea></code>
<code><time></code>	<code><tt></code>	<code><var></code>



HTML Div Element

The `<div>` element is used as a container for other HTML elements.



```
<div style="background-color:green;">
  <h2>London</h2>
  <p>London is the capital city of England.</p>
  <p>London has over 13 million inhabitants.</p>
</div>
```

London

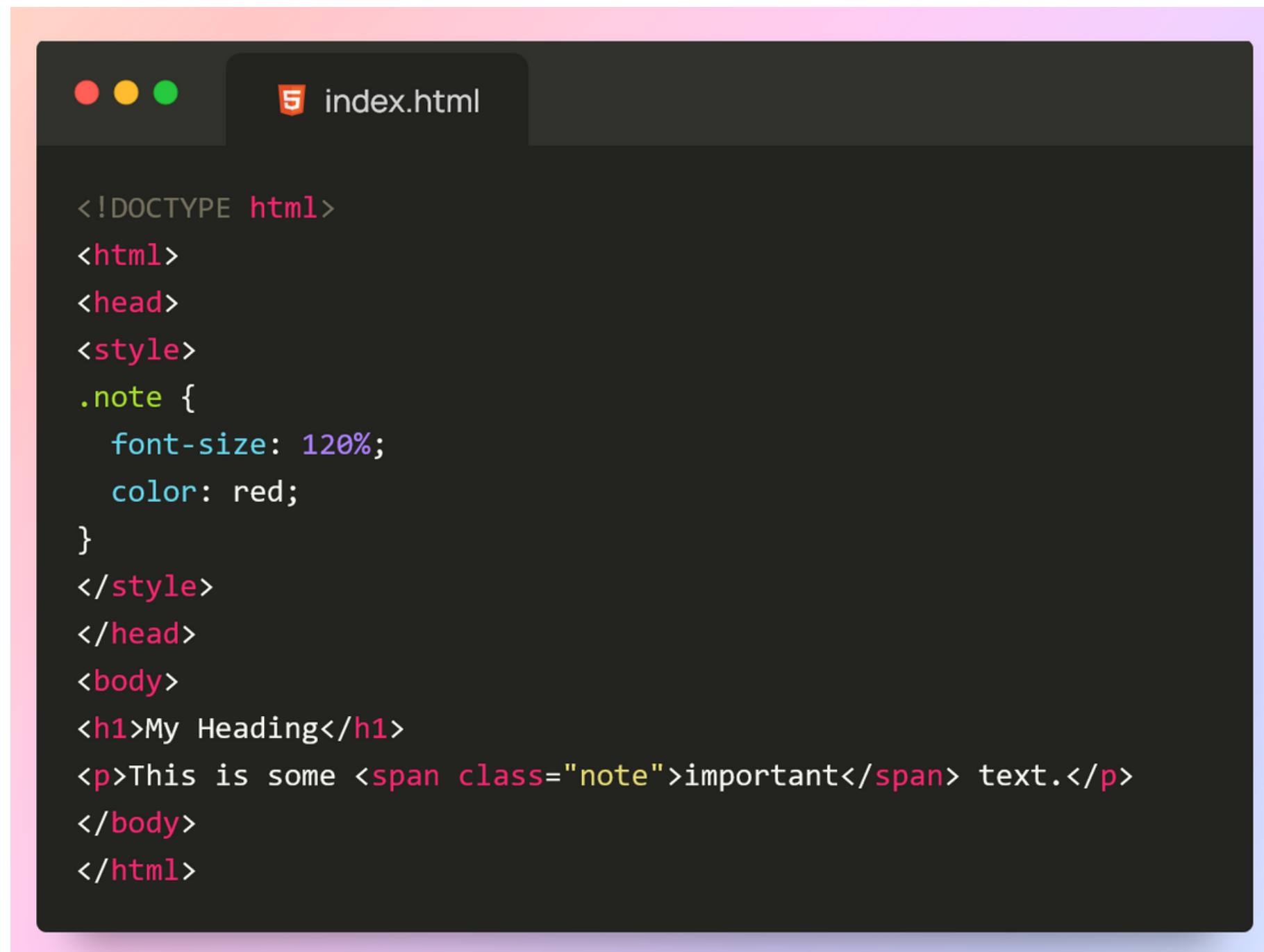
London is the capital city of England.

London has over 13 million inhabitants.



HTML class Attribute

The HTML **class** attribute is used to specify a class for an HTML element.



```
<!DOCTYPE html>
<html>
<head>
<style>
.note {
  font-size: 120%;
  color: red;
}
</style>
</head>
<body>
<h1>My Heading</h1>
<p>This is some <span class="note">important</span> text.</p>
</body>
</html>
```



HTML Head Element

<meta> : used to add metadata about the document

```
<head>  
  <meta charset="UTF-8">  
  <meta name="description" content="HTML Tutorial">  
  <meta name="keywords" content="HTML, Learn, Tutorial">  
  <meta name="author" content="programiz team">  
</head>
```



HTML Head Element

<title> : used to define the title of the document

```
<head>  
  <title>My First Title</title>  
</head>
```



HTML Head Element

<link> : used to specify the relation between the document and an external resource

```
<head>  
  <link href="/styles/index.css" rel="stylesheet">  
</head>
```



HTML Head Element

<style> : used to add CSS rules to the document

```
<head>
  <style>
    h1 {
      color: red;
    }
  </style>
</head>
```



HTML Head Element

<script> : used to add CSS rules to the document

```
<head>
  <script>
    console.log('hi');
  </script>

  <!-- External js file -->
  <script src="scripts/main.js">
</head>
```



HTML Head Element

Favicon : a small image displayed on the left of the page title in the browser tab

```
<head>  
  <title>HTML CSS Masterclass</title>  
  <link rel="icon" href="favicon.png">  
</head>
```




See you in the
Next class !