

Lecture 03

# Basic Web Development

HTML & CSS

by Vinojan Veerapathirathan

# 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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# About Me



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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>
```

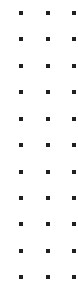


# HTML pre Tag

```
<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>&lt;address&gt;</code>    | <code>&lt;article&gt;</code>    | <code>&lt;aside&gt;</code>         |
| <code>&lt;blockquote&gt;</code> | <code>&lt;canvas&gt;</code>     | <code>&lt;dd&gt;</code>            |
| <code>&lt;div&gt;</code>        | <code>&lt;dl&gt;</code>         | <code>&lt;dt&gt;</code>            |
| <code>&lt;fieldset&gt;</code>   | <code>&lt;figcaption&gt;</code> | <code>&lt;figure&gt;</code>        |
| <code>&lt;footer&gt;</code>     | <code>&lt;form&gt;</code>       | <code>&lt;h1&gt;-&lt;h6&gt;</code> |
| <code>&lt;header&gt;</code>     | <code>&lt;hr&gt;</code>         | <code>&lt;li&gt;</code>            |
| <code>&lt;main&gt;</code>       | <code>&lt;nav&gt;</code>        | <code>&lt;noscript&gt;</code>      |
| <code>&lt;ol&gt;</code>         | <code>&lt;p&gt;</code>          | <code>&lt;pre&gt;</code>           |
| <code>&lt;section&gt;</code>    | <code>&lt;table&gt;</code>      | <code>&lt;tfoot&gt;</code>         |
| <code>&lt;ul&gt;</code>         | <code>&lt;video&gt;</code>      |                                    |

## Inline Elements

|                             |                             |                               |
|-----------------------------|-----------------------------|-------------------------------|
| <code>&lt;a&gt;</code>      | <code>&lt;abbr&gt;</code>   | <code>&lt;acronym&gt;</code>  |
| <code>&lt;b&gt;</code>      | <code>&lt;bdo&gt;</code>    | <code>&lt;big&gt;</code>      |
| <code>&lt;br&gt;</code>     | <code>&lt;button&gt;</code> | <code>&lt;cite&gt;</code>     |
| <code>&lt;code&gt;</code>   | <code>&lt;dfn&gt;</code>    | <code>&lt;em&gt;</code>       |
| <code>&lt;i&gt;</code>      | <code>&lt;img&gt;</code>    | <code>&lt;input&gt;</code>    |
| <code>&lt;kbd&gt;</code>    | <code>&lt;label&gt;</code>  | <code>&lt;map&gt;</code>      |
| <code>&lt;object&gt;</code> | <code>&lt;output&gt;</code> | <code>&lt;q&gt;</code>        |
| <code>&lt;samp&gt;</code>   | <code>&lt;script&gt;</code> | <code>&lt;select&gt;</code>   |
| <code>&lt;small&gt;</code>  | <code>&lt;span&gt;</code>   | <code>&lt;strong&gt;</code>   |
| <code>&lt;sub&gt;</code>    | <code>&lt;sup&gt;</code>    | <code>&lt;textarea&gt;</code> |
| <code>&lt;time&gt;</code>   | <code>&lt;tt&gt;</code>     | <code>&lt;var&gt;</code>      |





# HTML Div Element

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



```
index.html  
  
<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 !**