

Web Basics – HTML 5

Lesson 00:



Course Goals and Non Goals

Course Goals

- Understand Static web page creation.
- Create Static web pages.

Course Non Goals

- DHTML (not covered in this course).

Pre-requisites



None

Intended Audience



Novice User
Developer

Day Wise Schedule



Day 1

- Lesson 1: Introduction to Internet
- Lesson 2: HTML Basics
- Lesson 3: Tables
- Lesson 4: Lists
- Lesson 5: Working with Links
- Lesson 6: Image Handling
- Lesson 7: Frames

Day 2

- Lesson 8: HTML Forms for User Input
- Lesson 9: New Form Elements
- Lesson 10-HTML5 – Client-Side Storage
- Lesson 11-The Offline Access & Drag and Drop API

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Lesson 1: Introduction to Internet

- Understand the history of Internet.
- Understand Web terminology.
- Understand IP addresses
- TCP/IP Protocol
- Domain Name System
- HTTP Protocol
- Servers – Web Servers
- Web Browsers
- Working of WWW
- HTML – Static and Dynamic Web Pages

Lesson 2: HTML Basics

- Understand the structure of an HTML page.
- New Semantic Elements in HTML 5
- Learn to apply physical/logical character effects.
- Learn to manage document spacing.

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Lesson 3: Tables

- Understand the structure of an HTML table.
- Learn to control table format like cell spanning, cell spacing, border

Lesson 4: List

- Numbered List
- Bulleted List

Lesson 5: Working with Links

- Understand the working of hyperlinks in web pages.
- Learn to create hyperlinks in web pages.
- Add hyperlinks to list items and table contents.

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Lesson 6: Image Handling

- Understand the role of images in web pages
- Learn to add images to web pages
- Learn to use images as hyperlinks

Lesson 7: Frames

- Understand the need for frames in web pages.
- Learn to create and work with frames.

Lesson 8: HTML Form for User input

- Understand the role of forms in web pages
- Understand various HTML elements used in forms.
 - Single line text field
 - Text area
 - Check box
 - Radio buttons
 - Password fields
 - Pull-down menus
 - File selector dialog box

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Lesson 9: New Form Elements

- Understand the new HTML form elements such as
 - date
 - number
 - range
 - email
 - search
 - datalist
- Understand audio, video, article tags

References



Books

- Head First HTML with CSS
- HTML 5 in action
- HTML 5 and CSS 3
- Html Pocket Reference

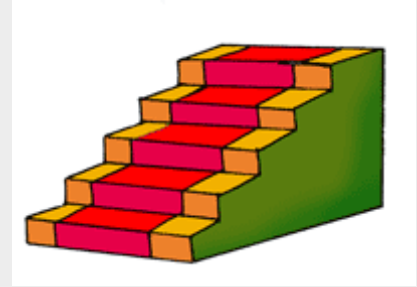
Links

- <http://imbolc.ucc.ie/~pflynn//books/htmlcard.html>
- <http://www.w3.org/MarkUp/>

Next Step Courses (if applicable)



Working with any Scripting Language
Working with Dynamic HTML





Other Parallel Technology Areas

None