

Web Basics – HTML5 For JEE Abridged Lesson 00:

People matter, results count.



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Document History

Date	Course Version No.	Software Version No.	Developer / SME	Change Record Remarks
1-Oct-09	1.0	1.0	Kumar Bramhadande	Initial Document
May 2011	2.0		Karthik M	Integration Refinements
20-May-2013	3.0	4.0	Vinay Gupta	Revamped according to new curriculum
31-Mar-2015	4.0	5.0	Rathnajothi P	HTML material upgraded from version 4 to 5
May - 2016	4.1	5.0	Anjulata	Revamping as per new ToC

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

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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

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- 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.
- 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

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- 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.
- 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.

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- 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