Web Basics – HTML5 For JEE Abridged Lesson 00:

People matter, results count.



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# **Document History**

Course Version No.	Software Version No.	Developer / SME	Change Record Remarks
1.0	1.0	Kumar Bramhadande	Initial Document
2.0		Karthik M	Integration Refinements
3.0	4.0	Vinay Gupta	Revamped according to new curriculum
4.0	5.0	Rathnajothi P	HTML material upgraded from version 4 to 5
4.1	5.0	Anjulata	Revamping as per new ToC
	No. 1.0 2.0 3.0 4.0	No. 1.0 1.0 2.0 3.0 4.0 4.0 5.0	No.         Kumar Bramhadande           1.0         1.0         Kumar Bramhadande           2.0         Karthik M           3.0         4.0         Vinay Gupta           4.0         5.0         Rathnajothi P



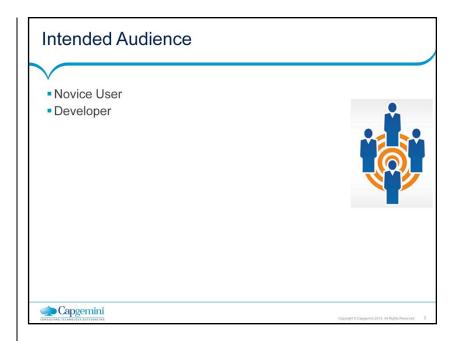
### Course Goals and Non Goals

- Course Goals
  - Understand Static web page creation.
  - Create Static web pages.
- Course Non Goals
  - DHTML (not covered in this course).



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Pre-requisites	
- None	
None	
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# 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 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.
- 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.
- 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



- Lesson 9: New Form Elements
  - Understand the new HTML form elements such as
    - date
    - number
    - range
    - email
    - search
    - datalist
  - Understand audio, video, article tags

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### 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/

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# Next Step Courses (if applicable) • Working with any Scripting Language • Working with Dynamic HTML

