Web Basics – HTML5
Lesson 00:

IGATE is now a part of Capgemini

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		Vinay Gupta	Revamped according to new curriculum
31-Mar-2015	4.0		Rathnajothi P	HTML material upgraded from version 4 to 5

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Keep this as a hidden slide.

Note to coordinators: Not to be printed for the class book.

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**

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Intended Audience

➢ **Novice User**
➢ **Developer**

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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

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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
  – Directory List
  – Glossary 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

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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**

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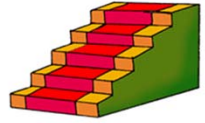
Other Parallel Technology Areas

➢ **None**

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