**Instructor Notes:**

# Web Basics - JavaScript

## Lesson 00:

**Capgemini**

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# Document History

| Date | Course Version No. | Software Version No. | Developer / SME | Reviewer(s) | Approver | Change Record Remarks |
|---|---|---|---|---|---|---|
| 19-Sep-2009 | 2.0 | NA | Pradnya Jagtap | | | Updated to new template. And incorporated new examples. |
| Apr-2011 | 3.0 | NA | Anu Mitra | | | Integration updates |
| Apr-2015 | 3.1 | NA | Rathnajothi P | | | Revamped according to revised curriculum |
| May-2016 | 3.2 | NA | Kavita Arora | **Kavita Arora** | **Mahima Sharma** | Revamped according to revised curriculum |

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# Course Goals and Non Goals

➢ Course Goals:
   • At the end of this course you will be able to:
   • Add interactivity to the static HTML pages
   • Validate the input data provided by users, on the client side
   • Manipulate style sheets on the fly to give a sophisticated look to any website

➢ Course Non Goals:
   • Server-side scripting not covered.

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# Pre-requisites

➢ Prerequisites for this course are:
  - Familiarity with Windows, GUI Concept and Web Browser  Application
  - HTML
  - Experience of creation of a web page using HTML
  - Object Oriented Programming Concepts

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# Intended Audience

➤ This course is designed for:
- Trainee Programmers
- Software Professionals

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# Day Wise Schedule

➤ Day 1
  • Lesson 1: Document Object Model
  • Lesson 2: Working with Document object
  • Lesson 3: Working with Form object
  • Lesson 4: Working with Regular Expressions

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➢ Lesson 3: Working with Form Object
- 7.1. Form properties, Methods & Event handlers
- 7.2. Text-Related Objects
- 7.3. Button Objects
- 7.4. Check Box and Radio Objects
- 7.5. Select Objects

➢ Lesson 4: Work with Regular Expressions
- 8.1. Use  regular expressions
- 8.2. Search using simple patterns and special characters
- 8.3. Work with RegExp objects

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# References

- JavaScript: A Beginner's Guide - by John Pollock
- http://www.w3schools.com

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## Next Step Courses (if applicable)

➤ Servlet
➤ JSP

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# Other Parallel Technology Areas

➢ VBScript