Instructor Notes:

Web Basics – JavaScript
Lesson 00:

Capgemini

Instructor Notes:

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.

Instructor Notes:

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

Instructor Notes:

Intended Audience

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

Instructor Notes:

Day Wise Schedule

Day 2
- Lesson 1: Introduction to JavaScript
- Lesson 2: JavaScript Language
- Lesson 3: Working with Predefined Core Objects
- Lesson 4: Working with Arrays
- Lesson 5: Document Object Model
- Lesson 6: Working with Document object
- Lesson 7: Working with Form object
- Lesson 8: Working with Regular Expressions

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Lesson 1: Introduction to JavaScript
- 1.1. Basic Concepts of JavaScript
- 1.2. Embedding JavaScript in HTML
- 1.3 Writing JavaScript

Lesson 2: JavaScript Language
- 2.1. Data Types and Variables
- 2.2. JavaScript Operators
- 2.3. Control Structures and Loops
- 2.4. JavaScript Functions

Lesson 3: Working with Predefined Core Objects
- 3.1. Data Types in JavaScript
- 3.2. Overview of String object
- 3.3. Math object
- 3.4 Date object

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Lesson 7: 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

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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