

Immediately Improve Your Software Skills

HANDS ON IT TRAINING ACROSS INDIA



HTML, CSS & JAVA SCRIPT



SPIRO IT ACADEMY

ISO 9001:2008 CERTIFIED COMPANY

(Unit of Spiro Solutions Pvt. Ltd)

Nasscom Listed Company

CONTENT

Templates

- Creating template using table tag • Creating template using div tag

LAB

- Creating a sample webpage using table tags only.
- Creating a sample webpage using div tags only.

Overview of JavaScript

- Introduction of JavaScript • Embedding JavaScript in an XHTML Document • Evolution of the JavaScript Language • JavaScript Versions and Browser Support • Inline JavaScript • Linking Web Pages to External JavaScript Files • JavaScript Using <script> Tags and Attributes • Deferred scripts • <noscript> Tags

LAB

- Creating a sample webpage to display "Hello World" using XHTML.
- Creating a sample webpage to display "Welcome To World" using Documentwrite() and inline JavaScript.

Statements and Operators

- Variable Declarations • Assignment Operators and Statements
- Arithmetic Operators • Logical Operators • Comparison Operators
- String Operators • Conditional Operators • Operator Precedence

LAB

- Creating a small application to add, subtract, multiply, divide two numbers using JavaScript operators.
- Creating a small application to add two strings using + operator.
- Creating a small application to check the given age is eligible to vote or not using comparison operator.

Implementing Control Constructs

- Introduction to Conditional and Looping Constructs • The if else Statements

- The do while Statements • The for in Statements • The switch Statement

LAB

- Creating a small application to show the message according to current time using IF ELSE statements.
- Creating a small application to display the numbers from 1 to 25 using FOR statements.
- Creating a small application to display the numbers less than 15 using WHILE statements.
- Creating a small application to display the week-day using SWITCH statements.

Implementing Arrays

- Using Arrays in JavaScript • Predefined JavaScript Object Arrays
- Creating Arrays • Reading & Writing to an Array • Common Array Properties & Methods

LAB

- Creating a small application to show list of car names using JavaScript arrays.
- Creating a small application to sort the given numbers using JavaScript arrays.

Implementing Functions

- Defining Functions • Invoking Functions • Named and Anonymous Functions
- Passing Arguments • Local vs. Global Variables • Using the return Statement

LAB

- Creating a small application to show the person name and his job using JavaScript functions.
- Creating a small application to show the multiply of given two numbers (passing arguments) using JavaScript functions.

JavaScript Objects

- The JavaScript Browser Object Model • JavaScript Object Properties • Object Methods • The new Keyword • The this Keyword • Creating New Object Instances Using Constructor Functions • String, Date and Array Objects

LAB

- Creating a small application to show the person's personal details using JavaScript objects.
- Creating a small application to show today date using JavaScript Date object.
- Creating a small application to show "Hello World" in lowercase and upper-case using JavaScript String methods.

Cookies

- Overview of JavaScript Cookies • Session and Persistent Cookies • Using Cookies on a Web Page • Common Uses of JavaScript Cookies

LAB

- Creating a small application to store the name and display welcome message at particular period of time using JavaScript Cookies.

Common Applications

- Form Validation and Testing • Working with Regular Expressions • User Interaction • Local Form Processing • Object Detection • Creating New Windows
- Adding Content to a Window • Browser Awareness Using the navigator Object
- Interactive Graphics

LAB

- Creating a student details form and validate for empty, number, and email using JavaScript.
- Creating a small application to show the given letter appears or not in "Hello World" using JavaScript Regular Expressions.

PROJECT USING HTML, CSS, JAVA SCRIPT

REVISION CLASS

SPIRO CERTIFIED WEB DEVELOPER EXAM

CONTACT US

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ABOUT SPIRO ITA



Spiro ITA is Subsidiary of Spiro solutions Pvt. Ltd . **Spiro ITA** is a premier provider of IT Training, Research and Development ,Project Training skills across The India, Singapore and the Malaysia We offer true competency-based programs, we guarantee quality, and we guarantee to lower your costs, all at the same time. Our courses cover over 40 different subject areas, including programming, Domain Training, Project Training and system administration skills. We offer stand-alone classes in addition to all-inclusive certification training tracks.

Founded in 2005 by experienced professionals, **Spiro ITA** has served thousands of Institutes and Lakhs of individuals over the seven years.

Objectives

- To function as an efficient industrial skill provider for students.
- To increase the eligibility of students to enter various industries.
- To reduce the knowledge deficiency in student career.
- To recognize the students exact desires and making them to grow in it.
- To create a Maximum awareness about Research & Development and its importance.

Vision

Spiro ITA will be recognized as, the predominating Research & Development Project Training and IT Training organization for students, Trainees to acquire excellent knowledge, professional development and personal growth. To be a leading organization and recognized as global leader in industrial skill training. By providing real time training and trusted communication. Our vision doesn't begin and end with the execution of R & D, Projects, IT Training. The main intension is to provide world-class training to the students in Research & Development sector by sharing our knowledge and expertise to create value is our ultimate goal.

WEB PROGRAMMING

Course Duration:Fees:

Batch Start Date:Time Slot :.....

STUDENTS WILL LEARN

- HTML Fundamentals • Developing and Using Cascading Style Sheets (CSS)
- Building Forms and Tables •DOM (Document Object Model)
- Positioning Block-Level Elements • JavaScript Syntax • Form Validation
- Scripting CSS

COURSE DESCRIPTION

This hands on Web programming class provides a thorough introduction to implementing a full-featured Web site on the Internet or corporate Intranet, including implementation of dynamic content using JavaScript and related tools. Starting with thorough coverage of HTML and Cascading Style Sheets (CSS), the course progresses to the implementation of dynamic client-side content using JavaScript. Hands-on exercises are performed throughout each day to demonstrate key concepts.

Course Prerequisites: Basic personal computer skills and basic Internet knowledge.

Follow-up Courses: PHP Programming with My-Sql, C# And Asp.Net Using Framework 4.0, Web application development using JSP and Servlets, Developing Rich Internet Applications Using HTML5, CSS3 and jQuery.

WEB DEVELOPMENT USING HTML, CSS AND JAVA SCRIPT OVERVIEW

CONTENT
Overview Of HTML <ul style="list-style-type: none">• Introduction of HTML • History of HTML, markup languages, latest version of HTML • Introduction to HTML tags & HTML syntax • Versions of HTML LAB <ul style="list-style-type: none">• Creating a sample webpage using all the HTML tags listed below. <html>,<head>,<title>,<meta>,<body>,<p>,
,<hr>,<h1>...<h6>,
Tables <ul style="list-style-type: none">• Adding Tables to a Page • Working with <table>,<thead>,<tbody>,<tr>,<td>,<th> and <caption> Elements • Table Attributes • Creating Nested Tables LAB <ul style="list-style-type: none">• Creating a sample webpage to display class time table using TABLE tags.
Constructing Forms <ul style="list-style-type: none">• <form> Tags and Attributes • Single-line and Multi-line Text Fields• Radio Buttons and Checkboxes • Dropdown and Selection Lists• Submit and Reset Buttons LAB <ul style="list-style-type: none">• Creating a sample webpage to display a student application form using FORM elements in HTML.

CONTENT

LISTS

- Types of Lists • Ordered Lists • Unordered Lists • Definition Lists
- Creating List Items Using the Tag • Creating Nested Lists

LAB

- Creating a sample webpage to display the list of any 10 fruits using ORDERED LISTS.
- Creating a sample webpage to display the list the world wonders using UNORDERED LISTS.

Anchor & Text Tags

- Anchor tags • Links with images & buttons • Links to send email messages • Text fonts & styles • Background colors/images • Marquee

LAB

- Creating a sample webpage using Links, Images, and Marquee.
- Creating a sample webpage(s) using only HTML. Tags.

Overview Of CSS

- Introduction Of CSS • History Of CSS, Latest Version Of Html
- Introduction To CSS Attributes & Syntax • Three Kinds Of Style Sheets

LAB

- Creating a sample webpage using three kinds of style sheets.

Exploring CSS Class and ID Attributes

- Defining The CSS Class Attribute & ID Attribute
- Creating Block-Level HTML Tags & Inline HTML Tags

LAB

- Creating a sample webpage using CSS class and id.

Formatting Text and Fonts

- Font Families • Font Size • Kerning, Leading, and Indenting

LAB

- Creating a sample webpage using different fonts with different font families.

Formatting Colors and Backgrounds

- The Color Attribute • The Background Attribute • Background Colors and Images

LAB

- Creating a sample webpage using different background images and colors for different areas.

Positioning Block-Level Elements

- Relative and Absolute Positioning • Formatting The Block-Level Box Model • Element Visibility Controls

LAB

- Creating a sample webpage using positioning many elements.
- Creating a sample webpage to display div and span elements with different background colors.

Floats & Clearing

- Floating Images beside Text and Adding Margin Space
- Positioning with Negative Margins

LAB

- Creating a sample webpage using floating many elements and also show margin, border with different colors.