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Web Design

Quick Contact



Second Floor and Third Floor, 5/3 BEML
Layout, Varathur Main Road, Kundalahalli
Gate, Bengaluru, Karnataka 560066

www.traininginbangalore.com



info@tibacademy.com



+91 9513332306



Overview of HTML

- Introduction to HTML
- Creating an HTML Document

Formatting text with HTML

- Paragraph Formatting with HTML
- Character Formatting with HTML
- Comparing Procedural and Descriptive Formatting

Adding local and remote links

- Adding Local and Remote Links
- Adding Internal Links with the Named Anchor Tag

Adding graphics

- Linking and Embedding Graphics

Creating lists in HTML

- Creating Lists and Nested Lists

Creating tables in HTML

- Creating and Modifying Tables
- Creating Advanced Table Elements



Setting Body and Background Attributes

- Setting Background and Text Colors

Web Page Design Guidelines

- Web Page Design Guidelines

Adding Links to other Internet Services

- Links to Non-Web Internet Services

HTML5:

- Overview of what's new in HTML5
- Doctype
- Charset
- New structures / tags
- Inline Elements
- Support for dynamic pages
- Form types
- Deprecated code Current browser / platform support Importance of the Document Object Model (DOM) using the new HTML5 Tags
- Defining page structure using the new HTML5 tags
- 5 tags New HTML5 Elements





CSS:

- Anatomy of a CSS rule set
- Selecting multiple elements
- Different types of a selector
- Fonts and text
- Boxes, boxes, it's all about boxes
- Changing the page color
- Sorting the body out
- Positioning and styling our main page title
- Centring the image

CSS3:

- Backgrounds and Borders
- Image values and replaced Content
- Text Effects
- 2D/3D Transformations
- Animations
- Multiple Column layouts
- User Interface





BootStrap:

- Overview
- Grid System
- Typography
- Code
- Tables
- Forms
- Buttons
- Images
- Helper classes
- Responsive utilities



JavaScript:

- Introduction
- What is JavaScript?
- What is AJAX?

Developer Essentials

- The development workflow
- Selecting the right tools for the job
- Just enough HTML and CSS
- Understanding objects
- Understanding variables
- Making comparisons
- Understanding events

Starting to Code

- Writing your first script
- Internal vs. external scripts
- Using comments in scripts
- Using the noscript tag in HTML

Interacting with Users

- Creating alert dialogs
- Understanding conditional statements
- Getting confirmations from users





- Understanding functions
- Making links smarter
- Using switch/case statements
- Handling errors

JavaScript Language Essentials

- Getting started
- Creating loops
- Passing values to functions
- Detecting objects
- Reading arrays
- Returning values from functions
- Writing arrays
- Building do and while loops
- Re-using functions

Creating Rollovers and More

- Creating a basic image rollover
- How to write a better rollover
- Creating a three-state rollover
- Making rollovers accessible and 508 compliant
- Making disjointed rollovers
- Creating slideshows & Displaying random images





Building Smarter Forms

- Getting started
- Creating jump menus Creating dynamic menus
- Requiring fields
- Cross-checking fields
- Displaying more informative errors
- Verifying radio button selections
- Setting one field with another field
- Verifying email addresses

Handling Events

- Responding to window events
- Responding to mouse movements
- Responding to mouse clicks
- Responding to onBlur form events
- Responding to onFocus form events
- Responding to keyboard events

Working with Cookies

- Demystifying cookies
- Writing a cookie
- Reading a cookie
- Displaying a cookie





- Counting with cookies
- Deleting cookies
- Handling multiple cookies
- Cookies in action

The DOM, Nodes, and Objects

- Understanding the DOM
- Adding nodes to the DOM
- Deleting nodes from the DOM
- Deleting specific nodes
- Inserting nodes into the DOM
- Replacing nodes in the DOM

Working with Dates and Times

- Displaying dates
- Displaying times
- Creating a countdown

Real World Applications of JavaScript

- Creating sliding menus
- Creating pop-up menus
- Creating slideshows with captions
- Creating a stylesheet switcher





ANGULARJS

- What is AngularJS?
- What is Single Page Application?
- Features, Advantages of AngularJS
- MVC and MVVM structure
- Services
- Dependency injection
- Controllers
- Directives
- Built-in Directives
- Template
- Routing (with server configurations)
- Digest Cycle (Watcher in AngularJS)





Assessments

- Objective Assessments

- Syntactical based

- Scenario based

Note: At least 2 objective based assessments in each module

- Hands On – Practical Assessments

- Scenario based

Note: At least 2 Hands on assessments in each module

Assignments

- Hands On – Practical Assignments

Note: At least 4 Hands on assignments in each module

Tasks – Home Work

- Regular tasks on each module

Note: Tasks are focused more to improve self learning

Resume Support & Interview Preparation

- Work on one or two mini projects

- Discuss and convert the current working project into Web

Designing project to add in resume & to explain Angular

experience in interviews