



ONLINE TRAINING

Web Development

Course Curriculum



Introduction to HTML

1. HTML Editors
2. HTML Basics
3. HTML Elements
4. HTML Links
5. HTML Images
6. HTML Lists
7. HTML Attributes
8. HTML Headings
9. HTML Paragraphs
10. HTML Styles
11. HTML Formatting
12. HTML Comments
13. HTML Blocks
14. HTML Classes
15. HTML ID





CSS

1. CSS Syntax and Selectors
2. CSS Colors
3. CSS Backgrounds
4. CSS Borders
5. Setting Height and Width
6. Background Color
7. Background Image
8. Background Repeat
9. Borders
10. Border Types
11. Border Style
12. Border Radius
13. Text Indentation
14. Text Transformation
15. Letter Spacing
16. Line Height
17. Font Families
18. Font Color
19. Font Style
20. Float and Clear
21. Margin And Padding
22. Text Alignment
23. Text Decoration
24. Word Spacing
25. Text Shadow
26. Position





CSS3

1. CSS Rounded Corners
2. CSS Border Images
3. CSS Multiple Backgrounds
4. RGBA Colors
5. CSS Gradients
6. CSS Shadow Effects
7. CSS Text Effects
8. CSS 2D Transforms
9. CSS 3D Transforms
10. CSS Transitions
11. CSS Animations
12. CSS Styling Images
13. CSS Buttons
14. CSS Multiple Columns
15. Resize
16. CSS Box Sizing
17. Details Tag
18. Dialog Tag





HTML5

1. Introduction To HTML 5
2. Header Tag
3. Footer Tag
4. Article Tag
5. Section Tag
6. Figure Tag
7. Aside Tag
8. Audio Tag
9. Video Tag
10. Article Tag
11. Aside Tag
12. Details Tag
13. Dialog Tag
14. Main Tag
15. Nav Tag
16. Summary Tag





Bootstrap & Responsive Web Design

1. What is Bootstrap?
2. Installing Bootstrap and jQuery
3. Media Query
4. Bootstrap Grid System
5. Containers
6. Rows
7. Columns
8. Multiple Columns
9. Resetting Columns
10. Offsetting Columns
11. Nesting Columns
12. Push & Pull
13. Bootstrap Components
14. Glyph icons
15. Dropdown
16. Video
17. Nav & Navbar
18. Carousel
19. Tabbing
20. What is Media Query?
21. What is Responsive Web Design?
22. Screen Resolutions to use while taking screenshots





JavaScript

1. JavaScript Introduction
2. JavaScript Basics
3. JS Comments
4. JS Variables
5. JS Global Variable
6. JS Data Types
7. JS Operators
8. JS If Statement
9. JS Switch
10. JS slider
11. JS Loop
12. JavaScript DOM
13. JS Events
14. onclick
15. onmouseover
16. onmouseout
17. onkeydown
18. onload
19. JS validation
20. JS window.print()



JS



Query

1. What is jQuery?
2. Adding a jQuery Library to HTML Pages
3. Basic jQuery Example
4. Downloading jQuery
5. jQuery Syntax
6. Document Ready Function
7. How to use Custom Scripts?
8. How to use Selectors?
9. CSS Element Selector and ID Selector
10. CSS Element Class Selector & Universal
11. Selector
12. CSS Multiple Elements E, F, G Selector
13. jQuery Callback Functions
14. Get Attribute Value
15. Set Attribute Value
16. Apply CSS Properties
17. Setting Element Width & Height
18. jQuery CSS Methods
19. jQuery Online Effects
20. Slider
21. Lightbox





WordPress

1. Introduction to WordPress
2. Getting Started with WordPress
3. Installing WordPress through an auto-installer script
4. The WP-Admin panel
5. WordPress Admin Conventions
6. Publishing Blog Posts
7. Discussion on the blog - comments
8. Creating a Web Pages
9. Media Library
10. Importing/Exporting Content





PHP

1. What is XAMPP Server?
2. Basic Syntax of PHP
3. Operators in PHP
4. Conditional Statement
5. PHP Loops
6. PHP Arrays
7. PHP Strings
8. String Functions
9. Form Methods
10. Type of Methods
11. Creating Admin Panel
12. What is control panel?
13. PHP Inbuild Function
14. User-Defined Function
15. PHP Session
16. PHP Cookies





MYSQL

1. What is MySQL ?
2. Creating a Database for Project
3. Creating a MySQL Table Using MySQL and PDO
4. Insert Query
5. Select Query
6. Update Query
7. Delete Query
8. MySQL Search
9. PHP File Upload with MySQL
10. Creating a Pagination with PHP and MySQL
11. MySQL Joins
12. MySQL Trigger



AJAX

1. What Is AJAX?
2. JSON Object
3. Basics of REST
4. Basics of API
5. Difference Between REST and RESTful
6. Connection of REST and HTTP
7. What is REST API?
8. Why do We Need REST API?
9. Where is REST API used?
10. Consume REST API in PHP
11. Fetch Records through CURL
12. Learn to Work with JWT (JSON Web Tokens) in PHP
13. Controller in Laravel
14. Submitting Form Data
15. Form Validation
16. Components in Laravel
17. Database Configuration and Migrations
18. Creating a Tables Using Migration
19. Introduction to Modals
20. Inserting a Query Using Eloquent ORM
21. Selecting a Query Using Eloquent ORM
22. Routing Through Buttons and Anchor Tags
23. Deleting a Query Using Eloquent ORM
24. Updating a Query Using Eloquent ORM





Introduction to AngularJS

1. What is AngularJS?
2. Basics of AngularJS
3. Role of Angular in website development



ANGULARJS



Uploading Website On Server

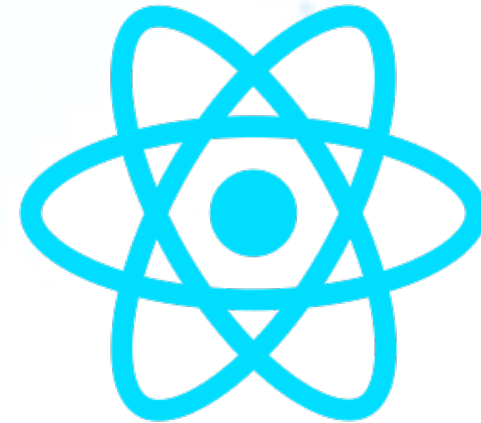
1. Choosing a Reliable Web Hosting Company.
2. Choosing Website Upload Method
3. File Manager
4. File Transfer Protocol (FTP)
5. Uploading Website File
6. Moving Website Files to Main Root Directory
7. Importing Database
8. Checking If Website Works as Expected





Introduction to ReactJS

1. What is ReactJS ?
2. Basics of ReactJS
3. Role of ReactJS in website development



React JS



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