



Web Development Course Content

1. HTML

- Introduction to html
- What is an html?
- Introduction to editors and browsers
- What is tag?
- Discuss about basic tags of html
- Discuss about head section tags
- What is an attribute?
- Discuss about an attribute
- Discuss about text formatting tags
- Discuss about body tags(marquee,img,embed,anchor,named anchor)
- Image mapping
- Introduction to tables
- Difference b/w th and td
- Discuss about table attributes in notepad
- Template creation with tables
- Lists
- Introduction to forms
- Discuss about forms
- We will give html training completely in notepad

2. CSS

- Introduction to css
- What is css
- Types of css
- What is inline css
- Discuss inline css
- What is internal css
- Discuss internal css
- Discuss about properties
- Types of selector
- Difference b/w class selector and id selector
- What is div
- Template creation with divs
- Difference b/w div and span
- External css

3. JavaScript

- Introduction JavaScript
- What is JavaScript
- What is statement
- Types of statements



- What is variable
- Variable declaration
- What is an operator
- Types of operators
- Discuss operators theoretically and practically
- Conditional statements
- Introduction to loops
- For loop examples
- While loop examples
- Difference b/w while and do while loops
- functions
- Parameterized functions
- Non-parameterized functions
- Recursive functions
- Difference b/w parameterized and non-parameterized functions
- Math calculations using functions
- Math calculations using functions and forms
- Introduction to objects
- What is property and method
- String object
- Math object
- Navigator object
- Screen object
- Date object
- Array object
- Introduction to HTMLDOM
- Document object
- Window object
- Discuss dropdown menu practically
- Discuss navigation menu practically
- For each object we will discuss properties and methods with examples in Dreamweaver Editor

4. PHP

- Introduction to php
- What is php
- Installation process of XAMPP
- How to write php page
- Php output statement and method
- Where to save php page
- How to run php page
- Php variables
- Php operators
- Php variable methods



- Conditional statements
- Loops
- Functions
- Arrays
- What is an array
- Discuss about single dimensional array
- Discuss about two-dimensional array
- Discuss about multi-dimensional array
- Array methods
- Array sorting methods
- For each as loop
- While list each loop
- Difference b/w explode and implode methods
- For in loop
- Built-in Arrays
- Introduction to MySQL
- Discuss about queries
- Creating tables
- Inserting values to tables
- Retrieving data from tables
- Update and delete data
- Exploring where keyword
- Exploring order by keyword
- Exploring rand keyword
- Exploring like keyword
- Exploring limit keyword
- Exploring as keyword
- Group by
- Inner join
- Let join
- Right join
- String handling
- Regular expressions(patterns)
- Send data from client to server with form validation
- File handling
- File uploading
- QueryString
- Introduction to Sessions
- Introduction to Cookies
- Login page creation with remember me (sessions and cookies)



5. Ajax

- Introduction to Ajax
- What is XMLHttpRequest object?
- Ajax properties
- Ajax methods
- Ajax event handler
- Ajax with php and mysql
- Double drop down list box
- Introduction to php oops
- What is class
- What is an object
- What is constructor
- What is property
- What is method
- What is access specifiers
- Inheritance
- Method overloading
- Method overriding
- Parameterized and non-parameterized constructors
- Polymorphism
- Interface
- oops examples
- Static
- Final
- Abstract
- Admin login creation
- Admin panel creation
- Date and time functions
- Mail
- Introduction to jquery
 - What is jquery
 - Introduction to JQuery selectors
 - Introduction to jquery filters
 - Types of jquery filters
 - JQuery animations and effects
 - JQuery events and functions
 - jqueryUI
 - jquery with ajax
- php with jquery examples



6. MySql

1. Data Definition using SQL

- Databases
- Data Types
- Tables
- Constraints and Indexes
- Views

2. Basic Data Manipulation using SQL

- Recurring SQL Constructs
- Adding data
- Modifying data
- Removing data
- Searching data

3. Advanced Data Manipulation using SQL

- Expressions
- Grouping and Aggregate Functions
- Joining Tables

4. Transactions

- Transaction Concepts
- SQL for working with Transaction

5. Import/Export

- Tools for Import/Export
- SQL for Import/Export

6. JQuery

- Installing jQuery
- jQuery Syntax
- jQuery Ready Function
- jQuery Selectors
- jQuery Actions
- jQuery Custom Functionality
- jQuery Libraries
- jQuery Validation
- jQuery Slideshow
- jQuery Dropdown
- jQuery UI
- Working with jQueryUI
- jQuery Accordions
- jQuery Tabs



- jQuery Tooltips
- jQuery Autocomplete

7. Web Hosting

- Web Hosting Basics
- Types of Hosting Packages
- Registering domains
- Defining Name Servers
- Using Control Panel
- Creating Emails in Cpanel
- Using FTP Client
- Maintaining a Website