
PHP with My SQL

HTML

Markup Languages
Structure of HTML
Basic HTML Tags
HTML Elements
HTML Attributes
HTML Headings
HTML Paragraphs
HTML Links
HTML Images
HTML Tables
HTML Lists
HTML Forms
HTML Iframes
HTML Quick List
Difference between HTML & XHTML
XHTML Basics

HTML Advanced

HTML Layout
HTML Doctypes
HTML CSS
HTML Head
HTML Meta
HTML Entities
HTML URLs
HTML Summary

Web Design with CSS

Introduction to Cascading Style Sheets

Types of Style Sheets

Types of CSS Selectors

CSS properties

CSS Styling

Styling Backgrounds

Styling Text

Styling Fonts

Styling Links

Styling Lists

Styling Tables

Creating simple and dropdown menus

Creating Appealing forms using CSS

CSS Tips and Optimization Techniques

PHP Installation

PHP Introduction

PHP installation

First Program on PHP

Echo and Print command

PHP Fundamentals

PHP Variables with program

Conditional Statement

- If-else
- Switch

Looping

- For Loop
- While Loop

- Do-While Loop
- Foreach loop

Functions in PHP

Arrays in PHP

- Single Array
- Associative Array
- Array Traversal using loop
- Arrays system defined function

PHP with HTML

- Integration of HTML Form with PHP Form
- Integration of HTML on PHP Form
- Fetching Data using GET and Post Request
- Fetching Data using Request Object

Control Statement

- Include
- Require
- Include_once
- Require_once

Error Reporting

String Functions

Date and Time Functions

File Handling

- Reading and Writing Files
- Reading Data from a File
- Writing Data to a File

Downloading files

Uploading files

State Management

- Sessions (Store, Retrieve and Delete)
- Cookies (Store, Retrieve and Delete)

Registration Forms

Mailing in php

Web Hosting

MySQL and SQL Server

Introduction of Database

Create and use database

datatype

Create table

Data integrity

Ddl statement

Dml statement

Insert update Delete Query

Simple insert query

Update query

Delete query

Selection of Data(using select query)

Select all data

Select specific column

Customize the display (change the col name in display)

Concatenate the text value in the output

Calculating the column

User of where clause

Using arithmetic operation
Using comparisons operator
Using and/or operator
Range
In and not in
Like operator
Null value
Use of order by

Functions in MySQL

Use of string function
Use of date function
Use of mathematical function

Aggregate and Group by

Min
Max
Sum
Count
Group by

Joins

Inner join
Outer join and its type
Cross join
Self join

Subqueries

Nested subqueries

Constraints

Primary key constraint

Unique key constraint

Foreign key constraint

Alter

Add column

Dropping table

Using PHP with MySQL

Managing Database Connections

Performing Queries

Data handling in Grid

Processing Result Sets

Queries Which Return Data

Queries That Alter Data

Java Script

Client and Server side scripting

Introduction to Java Script

Programming Concepts

Objects and Events

JS Comments
JS Variables
JS Operators
JS Comparisons
JS If...Else
JS Switch
JS Popup Boxes
JS Functions
JS For Loop
JS While Loop
JS Break Loops
JS For...In
JS Events
JS Try...Catch
JS Throw
JS Special Text

JS Objects
JS Objects Intro
JS String
JS Date
JS Array
JS Boolean
JS RegExp

[JS Advanced](#)

JS Browser
JS Cookies
JS Validation
JS Timing
Common Functions
Java Script Validations

JQUERY

Jquery Syntax

Jquery Selectors

Jquery Events

Jquery HTML

Jquery CSS

Conflict with jquery

Customized Jquery Apps

User Interface Designing using jQuery.

AJAX

Introduction to AJAX

Introduction to XMLHttpRequest Object

Method and Properties of XMLHttpRequest

Introducing HTML5 and CSS3

Why do we need HTML5?

The New and the Old

New structural tags

New content tags

New attributes

Deprecated elements

Semantic tagging

Document Structure

Structuring top-level elements

Structuring interior content

Building headers

Navigation elements

New Form Controls

New input types

Setting form autofocus

Using placeholder data

Marking required fields

Working with number inputs

Validate Form using HTML5

Video and Audio

Video overview

Audio and video containers

Audio and video codecs

Supported formats

Bootstrap Framework

Twitter Bootstrap Introduction and use

Installation of Bootstrap

Bootstrap CSS & JS

Bootstrap Image Slider

Bootstrap Menus

Bootstrap Components (Model Form)

Bootstrap Project

Compatibility Testing

Various Browser Versions

W3C Validations and Standards.

Classes And Objects in PHP 5

Objects oriented programming

Define a class

An Object

Creating an object

Object properties

Object methods

Object constructors and destructors

Class constants

Class inheritance

Abstract classes and methods

Interface and implementation

Checking for class and method existence

Joomla

Introduction and Installation of Joomla
Configuration setting of Joomla
Creating web page in joomla(Category, Article)
Add images in joomla
Create hyperlink in joomla
Embedded video and Flash in joomla
Banner Rotator in Joomla
Installing Extensions in Joomla
Adding a blog in Joomla

WORDPRESS

Introduction to Wordpress
Basics of the WordPress
Installation of Wordpress
Finding and Using WordPress Plugins
using different wordpress Themes
WordPress Content Management
Creating and Managing Content

Create your own Website(Project)

Requirement Understanding

Start Designing the Website



Manual testing Process to test your website
Create dynamic project architecture on oops
Handle dynamic part using php and mysql
Uploading website on server

Online Study Material for Php
tutorial.techaltum.com

Trainer Profile

- Scored **AIR 120** in **GATE 2011**.
- Studied in **IIT Kharagpur**.
- 4+ Experience in **Web Development** and **User Interface Development**.
- Working as a **Corporate Trainer** and **Freelancer** from Last 3 Years.
- **Microsoft Certified** HTML5 Designer and Developer.
- Till Now Trained 200+ Students.