



TECHHUB SOLUTIONS

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PHP with MYSQL

Main Topic	Sub Topic
Introduction	About PHP Understanding client/server roles Installation
PHP Fundamentals	PHP Basic syntax, PHP data Types, PHP Variables PHP Constants, PHP Expressions, PHP Operators PHP Control Structures, PHP Loops, PHP break, continue, exit statement
PHP Arrays	PHP Arrays, PHP Associative Arrays Accessing array Element Looping with associative array using each() and foreach() Array Functions
PHP Functions	PHP Functions, Syntax, Arguments, Return Values Pass by Value & Pass by References Variable Scope, PHP include(), PHP require()
PHP Forms	PHP Form handling, PHP GET, PHP POST, PHP Form Validation, PHP Form
PHP Cookies & PHP Sessions	PHP Cookie handling, PHP Session Handling, PHP Login Session Maintaining state using hidden form fields and query strings
PHP Strings Handling	Creating and accessing String String Related Library function
String matching with regular expression	What is regular expression Pattern matching in Php Replacing text Splitting a string with a Regular Expression
HTML & CSS	HTML Tag, Creating Forms, Creating tables Managing home page

Introduction to CSS	Three ways to use CSS CSS Properties, Designing website Working with Templates
Javascript Implementation	Introduction to Javascript Function Form/Client-Side validation
Jquery Implementation	Introduction to JQuery Validation using JQuery JQuery Forms, JQUERY library JQuery Examples
AJAX Implementation	Introduction to AJAX PHP with AJAX Working with database
Working with Database MySQL, Simple SQL Queries Introduction to RDBMS	Connection with MySql Database Insert, Select, Update, Delete data Joining and Functions ER diagram and Data flow diagram of case study Advanced SQL query building WHERE condition, Order By, Group By, Having, LIKE, AND OR operators
Introduction to OOPS	Declaring Class, Constructor, Destructor Access method and properties using \$this variable Public, private, protected properties and methods Static properties and method Inheritance & Polymorphism
Exception Handling	Understanding Exception and error Try, catch, throw
File Handling	Open/Close, Read/Write, File Upload/ Downloading Copying, renaming and deleting a file Working with directories