

*Mission- To bring in Continuous improvement and achieve excellent customer satisfaction at all levels of software training and development, through its modular and systematic approach in accomplishing our goal of becoming a global giant.*

## MySQL and PHP - Developing Dynamic Web Applications

### Introduction

- Structure of MySQL AB
- MySQL Products and Services
- MySQL Partners
- Supported Operating Services
- MySQL Certification Program
- Training Curriculum Paths MySQL Website

### Verify Installation

- LAMP Architecture
- Install/Verify Apache Installation
- Install/Verify MySQL Installation
- Install/Verify PHP Installation
- Putting it All Together

### PHP Foundations

- Delimit PHP Code Within HTML
- Comment PHP Code
- Construct PHP that interacts with end users
- Data Types in PHP
- Key Control Systems
- Use Defined Functions

### MySQL Foundations

- General Architecture
- SQL Parser and Storage Engine Tiers
- MySQL Client
- MySQL Query Browser

### Manage Databases

- Database Properties
- Database Design Practices
- MySQL Identifiers
- Create Databases
- Alter Databases
- Drop Databases

### Manage Tables

- Table Properties
- MySQL Data Types
- Create Table
- Alter Table
- Empty Table
- Remove Table
- Indexes
- Foreign Keys

### SQL SELECT Commands

- SELECT Statements
- Aggregating Query Results

### SQL Expressions

- SQL Expressions
- Functions in SQL Expressions

### SQL DML Commands

- INSERT Statement
- DELETE Statement
- UPDATE Statement
- REPLACE Statement

### SQL Joins

- What is a Join
- Inner Joins
- Outer Joins
- Using Qualifiers and Aliases
- Multiple Table UPDATE and DELETE Statements

### MySQL Database Driven Web Based Forms

- Connecting to MySQL
- Retrieving Data
- Inserting Data
- Updating Existing Data
- Deleting Data
- MySQL Metadata
- MySQL Error Information

### Session Handling

- What is Session Handling
- Session Handling Tasks
- PHP Session Handling with MySQL

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## MySQL and PHP - Developing Dynamic Web Applications

### Object Oriented Programming

- Benefits of OOP
- Working with Objects
- Exception Handling

### Authentication

- HTTP Authentication
- PHP Authentication

### Securing PHP and MySQL

- PHP Configuration Parameters
- Data Encryption
- Securing the MySQL Server
- Privileges

### Conclusion

- Course Overview
- MySQL System Overview
- Training and Certification Website
- Course Evaluation Thank You!
- QA Session