

## Introduction to Object Oriented Programming

- Overview of object oriented Programming
- Classes, Instances, Variables
- Object Oriented Techniques
- Object Properties, Events and Event Handlers
- Variable Types, Conditionals and Loops

## The .NET Framework or PHP

- Understanding of the PHP or .Net Framework,
- Common language specification (CLS)
- Common language runtime (CLR)
- SqlDataAdapter,
- SqlCommand, Dataset
- SqlConnection, DataTable,
- DataRow, DataColumn

## Creating you first ASP.NET or PHP page

- Embedding Asp.Net or PHP within HTML,
- Simple Asp.Net or PHP page
- Running your ASP.NET or PHP Page

## Controls

- HTML server controls, Label
- TextBox, Linkbutton
- Radiobutton, Button
- Linkbutton, HyperLink
- Image, Checkbox, Datagrid, Panel
- Listbox, Dropdownlist,
- Tables, Calendar

## Validation

- The RequiredFieldValidator (client side)
- Server side validation
- Database Programming(ASP.Net)
- Database Programming(PHP)
- Accessing data with ADO.NET
- The ADO.NET model
- Writing data to the database

## Data Binding

- Data binding and postback, Binding to labels, Binding to textboxes,
- Binding to drop down lists, Binding to a Datagrid

## MS SQL -2008 : Handling Data Stored in a Database

- Creating Tables
- Data Types
- Inserting data
- Selecting data
- Updating data
- Deleting data
- Structure Query Language(SQL)
- Database design, Primary key, Foreign key, SQL DataTypes
- Data definition language (DDL), Data manipulation language (DML)
- Joins, Subqueries

Certifications  
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