

OOPS Concepts Overview

.Net Framework 4.6.1 overview

C# Features

- Abstract Classes
- Interfaces
- Delegate
- Func
- Predicate
- Action
- Hash Table
- Dictionary
- Dynamic Typing
- Type Safety

Control Structures: Logical Expressions

- If statements
- Else and elseif statements
- Logical operators
- Switch statements

Control Structures: Loops

- While loops
- For loops
- Foreach loops

- Continue
- Break
- Understanding array pointers

User-Defined Functions

- Defining functions
- Function arguments
- Returning values from a function
- Multiple return values

Debugging

- Common problems
- Warnings and errors
- Debugging and troubleshooting

Asp.net Features

- Post back
- State Management features
- Session
- View State
- Cookies
- Application
- Hidden state
- User Control

- Master Page
- Validator Controls
- Class Library
- Server Controls
- GridView,
- DataList,
- Repeater

ADO.net

- Disconnected data architecture
- Connected data architecture
- Data Binding
- Data Access using XML

SQL Server

- Syntax
- DDL Statement
- DML Statement
- Stored Procedure
- View
- Trigger
- Magic Table
- Function