



C#.net Course Outline

.NET -Windows Application

Installation of Visual Studio & SQL Server

Programming with C#

- Overview of C#
- Using Different Data types
- Creating User-Defined Data Types
- The IF, SWITCH, WHILE, DO, FOR, FOREACH Statements
- Handling Basic Exceptions
- Methods and Parameters in C#
- Object-Oriented Programming

Introducing Windows Forms

- Creating Forms
- Form Life Cycle
- Form Events
- Adding Controls to Forms
- Adding Menus to Forms
- Creating MDI Applications

Working with Controls

- Creating an Event-Handler for a Control
- Adding and Removing Event-Handlers at Run Time
- Using Windows Forms Controls
- Adding Controls at Run Time

Data Access

- ADO.NET Objects
- Adding and Configuring ADO.NET Objects to a Windows Forms Application
- Accessing and Modifying Data by Using Datasets
- Binding Data to Controls

Printing in Windows Forms Applications

- PrintDocument Object
- PrintPage Event and PrintPageEventArgs

- Enable Printing in a Windows Forms Application
- Using the PrintPreviewDialog, PageSetupDialog, PrintDialog Controls

Creating Reports by Using Crystal Reports

- View a Report by Using Crystal Report Viewer
- How to Add DataSets to a Report

Deploying Windows Forms Applications

- Application Configuration Files
- Packaging and Deploying .NET Applications
- Creating and Using a Windows Installer Setup Project