5 Days

2349: Programming with the Microsoft.NET Framework (Microsoft Visual C# .NET)

This course introduces you to the concepts, terminology and overview of the .NET Framework. Moreover, the lab explains you the features necessary for coding, debugging, tuning, and deploying applications.

Course Objective:

On completion of the course, you will be able to

- Explain the concepts, elements, and features of .NET Framework
- Use components in ASP.NET and Windows-based applications
- Deploy multiple versions through deployment and versioning features of the .NET
- Create and manage arrays, enumerators, collections, and strings by using .NET Framework
- Manage memory and other resources, data streams and files read and write, serializing and deserializing an object graph
- And more

Course Details

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Course Outline

- Module 1: Overview of the Microsoft .NET Framework
- Module 2: Introduction to a Managed Execution Environment
- Module 3: Working with Components
- Module 4: Deployment and Versioning
- Module 5: Common Type System
- Module 6: Working with Types
- Module 7: Strings, Arrays, and Collections
- Module 8: Delegates and Events
- Module 9: Memory and resource Management
- Module 10: Data Streams and Files
- Module 11: Internet Access
- Module 12: Serialization
- Module 13: Remoting and XML Web Services

Who Should Attend

- Application Developers
- Software Developers

Pre Requisite

- Basic understanding of c#

Recommended Course:

- 2124: Introduction to C# programming for the Microsoft .NET platform

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