

Learn C# Development

.Net Framework

- Introduction to .NET Framework
- Common Language Runtime (CLR)
- Assemblies and Namespaces
- Assembly Manifest, Metadata & MSIL
- Common Type System
- Common Language Specification
- Just In Time Compilation
- Garbage Collections

C# Language

Overview of C#

- History of C#
- Structure of a C# Program
- Basic Input / Output Operations
- Compiling, Running, and Debugging
- Explaining the structure of a simple C# program.
- Handling exceptions in a C# program.

Data Type & Variable

- Built-In Data Types
- User-Defined Data Types
- Naming Variables
- Value-Type Variables
- Reference-Type Variables
- The Object Hierarchy
- Data Conversions

Operators

- Introduction to Operators
- Operator Overloading

Statements and Exceptions

- Introduction to Statements
- Using Selection Statements
- Using Iteration Statement
- Using Jump Statements
- Handling Basic Exceptions

Methods and Parameters

- Using Methods
- Using Parameters
- Methods overloading
- Methods overriding

Essentials of Object-Oriented Programming

- Defining Object-Oriented Systems
- Classes and Objects
- C# and Object Orientation
- Using Encapsulation

Inheritance

- Deriving Classes
- Implementing Methods
- Using Sealed Classes
- Using Interfaces
- Using Abstract Classes

Namespaces, and Advanced Scope

- Using Internal Classes, Methods, and Data

- Using Namespaces

Properties and Indexers

- Using Properties
- Using Indexers

Strings

- Mutable strings
- Immutable strings

Arrays & Collection

- Overview of Arrays
- Creating Arrays
- Using Arrays
- Understanding .NET collections
- Collection classes – Collection Base, Array List, Hash Table, Dictionary, Queue, Stack, Sorted List, Generic Collection

Generics

- Introduction to Generics
- Benefits of Generics
- Generic Classes
- Generic Interfaces

Delegates and Events

- Creating and Using Delegates
- Anonymous delegates
- Multicast delegates
- Defining and Using Events
- Creating Event Handlers

Attributes & Reflection

- Overview of Attributes
- Retrieving Attribute Values

- Reflection Overview

Streams

- File I/O and Streams
- Stream readers and writers

Training Material

- Dot Net Tricks C# book

Training Highlights

- Learn from qualified and experienced professional – Shailendra Chauhan
- Small batches to ensure personal attention
- Hands-on real application development
- Recorded session of your class
- Training course material
- Prepare yourself for interview and get great jobs

Course Duration: (Approx. 10 Classes)

Fee Details: Rs.7,000

For any query feel free to call us at: +91-9871749695