

# C# Fundamental Course

In this Course we learn from starting point first we learn about the environment of C# and what is C# and where can we working with C#. We start from basic program and after that next level of programs and components of this language or working of .net Framework and at the end of this course you have a project which made by you and you will be able to working on other project which you want develop.

## Course Outline

Introduction of C#  
Introductions about Visual Studio  
Creating Programs  
Basic components of C#

## Course Modules

### Module 1 : Introductory

Introductions about Visual Studio  
Create a sample Program  
Basic Syntax  
Comments  
Variables  
Functions / Methods  
Identifiers  
Keywords

### Module 3 : Advanced

Conditions  
Loops  
Nullable  
Array  
String  
Structures  
Enums  
Class

### Module 2 : Progressive

Namespaces  
Data Types  
Type Conversion  
Constants  
Operators

### Module 4 : Mastery

Inheritance  
Operator Overloading  
Interfaces  
Preprocessor Directives  
Regular Expressions  
Exception Handling  
File Input / Output

## Software Covered

Microsoft Visual Studio