

C# .NET Training Content

(Part of all CAD Tools Customization (AutoCAD, NX, Revit, Solidworks, SolidEdge, Inventor))

- Environment Setup
- Basic Syntax
- Program Structure
- Data Types
- Variables
- Constants
- Modifiers
- Statements
- Operators
- Using Math Functions
- Decision Making
- Loops
- Strings
- Date & Time
- Arrays 1D
- Array 2D & 3D
- Functions
- Arguments
- Return types
- In, out & ref parameters
- Collections
- List
- ArrayList
- Dictionary
- Hashtable
- Struct
- Enum
- Classes & Object
- Constructor
- Destructor
- Access level
- Stack Memory
- Heap Memory
- Static class
- Static methods
- Abstract class
- Abstract methods
- Interfaces
- Inheritance
- Multiple Inheritance
- Multilevel inheritance
- Polymorphism
- Method overloading
- method overriding
- Exception Handling
- Files & Directory Handling
- Creating console applications
- Form Application
- Form Controls
- Dialog Boxes
- Advanced Forms
- Event Handling
- Class library & DLL creation
- Interacting with Notepad files
- Interacting with Excel file
- Visual Studio functions

Please note:-

All our assignments and examples for above mentioned topics will be related to CAD 2D/ 3D Geometry and Engineering Calculations.