

# C#.NET & VB.NET Training Contents

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- Environment Setup
- Basic Syntax
- Program Structure
- Data Types
- Variables
- Constants
- Introduction
- Environment Setup
- Program Structure
- Basic Syntax
- Data Types
- Variables
- Constants
- Modifiers
- Statements
- Operators
- Decision Making
- Loops
- Strings
- Date & Time
- Arrays
- Collections
- Functions / Methods / Sub
- Classes & Objects
- Static class
- Abstract class
- Interfaces
- Inheritance
- Polymorphism
- Exception Handling
- File Handling
- Creating console applications
- Form Application
- Dialog Boxes
- Advanced Forms
- Event Handling
- Class library & DLL creation

# INVENTOR API Training Contents

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- Introduction to Inventor customization
- Configuring in Visual Studio & linking with Inventor libraries
- Debugging Inventor applications in visual studio
- Create, open & save Inventor files through program
- Displaying information through user interface
- Change view orientations programmatically
- Create curves and sketches with user inputs
- Create features with user inputs
- Read and write parameters
- Looping through features
- Edit features based on some conditions
- Object selection
- Selection filter
- Mass properties
- Attributes
- Looping through all components in Assembly & sub Assembly
- Show/Hide Components based on conditions
- Using Recursive functions for assembly components
- Edit assembly components based on some conditions
- Looping through all drawing sheets and views
- Edit drawing sheets and views based on conditions
- User Interface for Inventor add in or plugin
- Read and write data (excel)
- Import & Export IGES & STEP files
- Export PDF & DWG
- Batch processing