



Introduction to C#

By ESH Solutions Ltd.

C# Topics and planned sessions

Categories		No of Sessions
Introduction	Mandatory	1
Variable Types, Operators and Commenting	Mandatory	
Control statements and Loops	Mandatory	
Inbuilt Methods and Namespace	Mandatory	
Object Oriented concepts	Mandatory	
Exceptions	Mandatory	
Access Modifiers	Mandatory	
Variable Types (Advanced)	Optional	1
Best Practices and Good to Knows	Optional	
Managing Large Classes	Optional	1 or 2
Optional Parameters	Optional	
Filtering & Sorting Data	Optional	
Asynchronous Programming	Optional	

Agenda – Day 4

1. C# tutorial –Inheritance
2. C# tutorial – Method hiding
3. C# tutorial – Polymorphism
4. C# tutorial – Difference between method overriding and method hiding
5. C# tutorial – Method overloading
6. C# tutorial – Interfaces
7. C# tutorial – Explicit interface implementation
8. C# tutorial - Problems of multiple class inheritance
9. C# tutorial – Multiple class inheritance using interfaces

Coming up next:

- Properties, Enums, Partial Classes

Annexure

.NET – Useful Links

.NET

<https://dotnet.microsoft.com/en-us/>

Microsoft Learn

<https://learn.microsoft.com/en-us/training/>

Fiddle

<https://dotnetfiddle.net/>

Visual Studio

<https://visualstudio.microsoft.com/vs/community/>

Visual Studio Code

<https://code.visualstudio.com/download#>

Nuget (exe)

<https://www.nuget.org/downloads>

Public Git repository example

<https://github.com/prjseal/PasswordGenerator.git>



Thank you

Thanks to your commitment and strong work ethic, we know next year will be even better than the last.

We look forward to working together.

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