



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 7

1. C# tutorial –Generics
2. C# tutorial – Working with Dictionaries
3. C# tutorial – List Collection Class
4. C# tutorial – Working with Generic list class & Ranges
5. C# tutorial – Sort a List of Simple Types
6. C# tutorial – Sort a List of Complex Types
7. C# tutorial – Anonymous Methods
8. C# tutorial – Lambda Expressions
9. C# tutorial – Async and Await

- Thank you.....

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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