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| C# .NET |  |  |  |
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| **Day** | **Session** | **Topic** | **Details** |
| Day 1 | 1st Half | C#.NET | Introduction to the NET Framework, CLR, CTS,Intro to Visual Studio, Hello World Program, C# Program Structure, Data Types, Value Types, Reference Types, operators, Reading Input From Keyboard, Converting Data Types |
| 2nd Half | C#.NET | Decision Making, LoopIng statements |
| Day 2 | 1st Half | C#.NET | OOPS concepts, Classes, Access Modifiers, Objects, Fields, Constructors, Methods, Properties |
| 2nd Half | C#.NET | Inneritance, Polymorpnism, Overloading, Abstract Method, Virtual Method, Overriding, Constructor Chaining |
| Day 3 | 1st Half | C#.NET | Abstract Class, Static Class, Sealed Class, Interface |
| 2nd Half | C#.NET | /Struct, Enum, Nullables |
| Day 4 | 1st Half | C#.NET | Arrays, Strings, DateTime |
| 2nd Half | C#.NET | Assemblies, Types or Assemblies, GAC, Installing/ Uninstalling assembles to/from GAC |
| Day 5 | 1st Half | C#.NET | Collections And Generics |
| 2nd Half | C#.NET | colections and generics |
| Day 6 | 1st Half | C#.NET | Delegates, Events, Lamdas |
| 2nd Half | C#.NET | Delegates, Events, Lamdas |
| Day 7 | 1st Half | C#.NET | LINQ |
| 2nd Half | C#.NET | LINQ |
| Day 8 | 1st Half | C#.NET | Exception Handling |
| 2nd Half | C#.NET | Regular Expressions |
| Day 9 | 1st Half | C#.NET | Reflection |
| 2nd Half | C#.NET | File Handling |
| Day 10 | 1st Half | C#.NET | File Handling |
| 2nd Half | C#.NET | Case Study |