

- * Why .NET
- * Software Development Kit : .NET Framework
 - :- Pre-compiled library files with .dll extension.
 - :- Common language specifications (CLS)
 - :- Common type system (CTS)
 - :- Common Intermediate Language
 - :- MSIL : Microsoft Intermediate Language
 - :- JIT
 - :- GC Algorithm
 - :- Common language runtime (CLR)
 - mscorlib.dll | System.Private.CoreCLR.dll

\vdash CSC | vBC \equiv Roslyn Compiler

\vdash Normal JIT \equiv RyuJIT

\vdash either .exe/.dll \equiv both .exe and .dll

\vdash solution \rightarrow .sln : group of projects

cs projects \rightarrow .csproj
↳ group of .cs files

\vdash GAC

1. Basics of .NET Core : Datatypes

- * OOP :- 2 days
- * Design Patterns and SOLID Principles
- * Events and Delegates
- * Collections and Generic and Generic collection
- * File I/O and Serialisation
- * Reflection
- * C# Features :- 10 ≡
- * LINQ