The main difference between C# and MS .NET Framework is that the first contains the other. The .NET Framework consists of several things, one of which is the C# programming language itself. The other parts of the .NET Framework are (excluding the other programming languages like VB.NET, F# and others) the environment for the execution of the managed code – Common Runtime Library, a set of development tools like compiler and a set of standard libraries which allow different things (ADO.NET allows access to databases, WCF connects applications through standard communication frameworks and protocols and many more).