1. **Find information about Console.WriteLine() method**

The Console.WriteLine() method writes the specified data, followed by the current line terminator, to the standard output stream.

<http://msdn.microsoft.com/en-us/library/system.console.writeline(v=vs.110).aspx>

1. **Provide a short list with information about the most popular programming languages. How do they differ from C#?**

**Java** is the most serious competitor to C#. Unlike C# and the .NET Framework, the **Java** language and platform are open-source projects that an entire community of software companies, organizations and individual developers take part in. The standards, the specifications and all the new features in the world of Java are developed by workgroups formed out of the entire Java community, rather than a single company (as the case of C# and .NET Framework).

The **C** and **C++** languages are considered rather primitive and old. They still have their uses and are suitable for low-level programming (e.g. programming for specialized hardware devices). Learning C++ takes much more time and very few programmers know it really well.

**PHP** is suitable for developing small web sites and web applications, but it gives rise to serious difficulties when implementing large and complicated software systems.

**Objective-C** isa general-purpose, object-oriented programming language that adds Smalltalk-style messaging to the C programming language. It is the main programming language used by Apple for the OS X and iOS operating systems and their respective APIs, Cocoa and Cocoa Touch**.**

**JavaScript** is an interpreted computer programming language. As part of web browsers, implementations allow client-side scripts to interact with the user, control the browser, communicate asynchronously, and alter the document content that is displayed. It has also become common in server-side programming, game development and the creation of desktop applications.

1. **Describe the difference between C# and .NET Framework.**

C# is a modern object-oriented, general-purpose programming language, created and developed by Microsoft together with the .NET platform. The C# language is not distributed as a standalone product – it is a part of the Microsoft .NET Framework platform.

The .NET Framework is a software framework developed by Microsoft that runs primarily on Microsoft Windows. It includes a large library and provides language interoperability (each language can use code written in other languages) across several programming languages. .NET Framework generally consists of an environment for the development and execution of programs, written in C# or some other language, compatible with .NET (like VB.NET, Managed C++, J# or F#). .NET Framework consists of the .NET programming languages; a set of development tools; a set of standard libraries which allow access to databeses.