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

*C# is an elegant and type-safe object-oriented language that enables developers to build a variety of secure and robust applications that run on the .NET Framework.*

*C# was meant to be an advance over both C++ and Java as a general purpose programming language. Although it can be argued that some of its features are a step backward, C# clearly includes some constructs that move it beyond its predecessors. Some of its features will surely be adopted by programming languages of the near-term future.*

*Although C# removes some of the features of C++ that cause programmers a lot of grief, no power or functionality was really lost. Some of the programming errors that are easy to create in C++ can be totally avoided in C#. This can save you hours or even days in finishing your programs. You’ll understand more about the differences from C++ as you learn C#.*

*You might also have heard of the C programming language. Many people wonder if they should learn C before learning C#, C++, or Java. Simply put, there is absolutely no need to learn C first.*

*Another language that has gotten lots of attention is Java. Java, like C++ and C#, is based on C. If you decide to learn Java later, you will find that a lot of what you learn about C# can be applied.*

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

*C# is a programming language and .NET Framework is a platform architecture, which runs on the C# programs.*