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

According to Slashdot.org the most popular programing languages for 2013 are:

1.Java – uses a compiler, and is an object-oriented language.

2. C - compiled, procedural language

3.C++ - compiled, multi-paradigm language

4.Objective-C - general-purpose, object-oriented langugage

5.PHP – uses runtime-interpretor and is a multi-paradigm language

6.C# - compiled, object-oriented language

7.Visual Basic - interpreted, multi-paradigm language

8.Python - interpreted, multi-paradigm language

9.JavaScript - interpreted, multi-paradigm language

10.RUBY – interpreted, object-oriented language

C#, C++, Java, Perl, Python and Visual Basic are supported by the .NET Platform.

Sources:  
<http://slashdot.org/topic/datacenter/what-are-the-most-popular-programming-languages/>  
<http://www.geekinterview.com/question_details/16392>

<http://piktochart.com/top-10-programming-languages/>

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

C# is modern object-oriented programming language, created and developed by Microsoft.

The .NET Framework is an an environment for the execution of managed code (CLR), which

executes C# programs in a controlled manner.

Source:  
Fundamentals of Computer Programming with C# - Svetlin Nakov, Veselin Kolev & Co.