## Exercises

1. Install and make yourself familiar with **Microsoft Visual Studio** and Microsoft Developer Network (**MSDN**) Library Documentation.
2. Find the description of the **System.Console** class in the standard .NET API documentation (MSDN Library).
3. Find the description of the **System.Console.WriteLine()** method and its different possible parameters in the MSDN Library.
4. **Compile and execute** the sample program from this chapter using the command prompt (the console) and Visual Studio.
5. **Modify** the sample program to print a different greeting, for example "Good Day!".
6. Write a console application that **prints your first and last name** on the console.
7. Write a program that **prints the following numbers** on the console 1, 101, 1001, each on a new line.
8. Write a program that prints on the console the **current date and time**.
9. Write a program that prints the **square root of 12345**.
10. Write a program that prints the first 100 members of the **sequence** 2, - 3, 4, -5, 6, -7, 8.
11. Write a program that reads your age from the console and prints your

**age after 10 years**.

1. Describe the difference between **C#** and the **.NET Framework**.
2. Make a list of the **most popular programming** languages. How are they different from C#?
3. **Decompile** the example program from exercise 5.