

# C# Programming Homework 01

Chapter 01, C# Step by Step

## Homework

### Readings

Read chapter 1 in the *C# Step by Step* book.

### Discussion Questions

Answer the discussion questions in writing for chapter 1.

1. What is a console app?
2. List two differences between .NET *Framework* and .NET *Core*. Note that in this class, we will be writing C# applications in .NET Framework and ASP.NET applications in NET Core.
3. What does `Main()` (the main method) do in a console application?
4. Describe these three files: `TextHello.sln`, `TextHello.csproj`, and `AssemblyInfo.cs`.
5. What is the purpose of a *namespace*?
6. Describe specifically what *using* statements do.
7. What is the entry point for a console app? What is the entry point for a UWP app?
8. What is an *assembly*?
9. How many different versions of the `WriteLine()` method does the `Console` class contain?
10. What is the relationship between an assembly and a namespace?
11. What is a graphical app?
12. What does Build do?
13. (Not in book) What is bytecode? What is Microsoft CIL? Do you think that CIL is bytecode? Why or why not?
14. What does Debug do?