



Task: Writing your first C# program

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Introduction

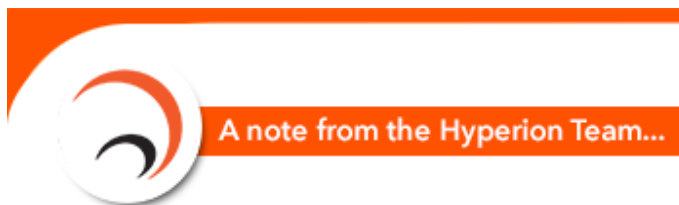
Welcome to the C# section of this course!

Why C#?

C# is a part of the Dot Net family of languages and is among the languages used in writing Android Applications, the new Windows Metro Applications, and Windows Phone Applications. Job opportunities with this language are widely available. If you'd have any queries, please feel free to email us on help@hyperiondev.com.

- C# (pronounced as see sharp) is a multi-paradigm programming language encompassing strong typing, imperative, declarative, functional, generic, object-oriented (class-based), and component-oriented programming disciplines. It was developed by Microsoft within its .NET initiative and later approved as a standard by Ecma (ECMA-334) and ISO (ISO/IEC 23270:2006). C# is one of the programming languages designed for the Common Language Infrastructure.
- The name "C sharp" was inspired by musical notation where a sharp indicates that the written note should be made a semitone higher in pitch. This is similar to the language name of C++, where "++" indicates that a variable should be incremented by 1. The sharp symbol also resembles a ligature of four "+" symbols (in a two-by-two grid), further implying that the language is an increment of C++.

-The Hyperion Team





Instructions

In this folder, there is a folder called HelloWorld:

- Open the folder and double-click on HelloWorld.sln.
- Once the project has been opened, open Program.cs from source control. If you can't find source control, click View -> Source Control.
- Once you have finished reading the project you can attempt the compulsory exercise. You must complete this exercise to continue onto the next task of this course

Also in this folder, there is a folder titled Example Programs. The folder has extra programs that you can play around with to learn more C# concepts and syntax.

Compulsory Task 1

Follow these steps:

NOTE: Make a copy of this folder on your computer. Submit the required files when you are done.

Before you go any further, Open the **Example Programs** folder in your **Task** folder. Have a look at the two example programs written for you, run them by hitting F5 when opened. Look at the output of each program and compare it to the code written within the file - the comments are there to help you.

- Create a new C# project called **InOut** within your **Task** folder and do the following:
 - a. Click file and then new Project.
 - b. Select C# Console Application and name it **InOut**.

Here are your instructions:

- Get the user's name.
- Get the user's age.
- Print the user's name and age.
- Print Hello World on a new line.

Still need help?

Just write your queries in your comments.txt file and your tutor will respond. Alternatively you can email us on help@hyperiondev.com.

Task Statistics

Last update to task: 28/12/2015.

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Task Feedback link: [Hyperion Development Feedback](#).