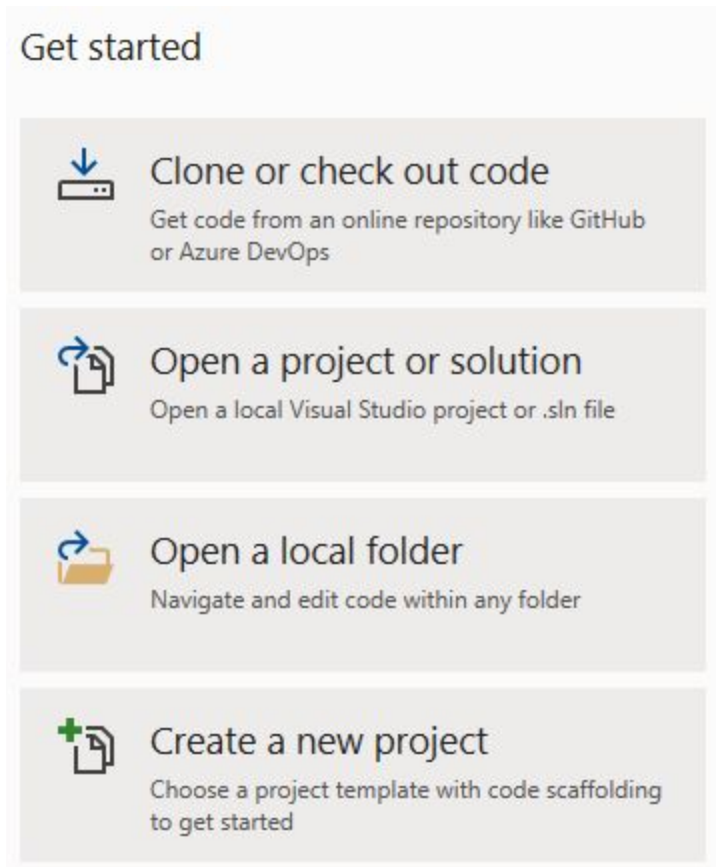


CREATE YOUR FIRST PROJECT IN VISUAL STUDIO

In Unit 1, you've been working in online REPL examples, but now you'll need to complete your Lab 1 deliverables in the Visual Studio IDE. This guide assumes you've already completed the install directions in the Intro to C# .NET section.

1. Create a New Project

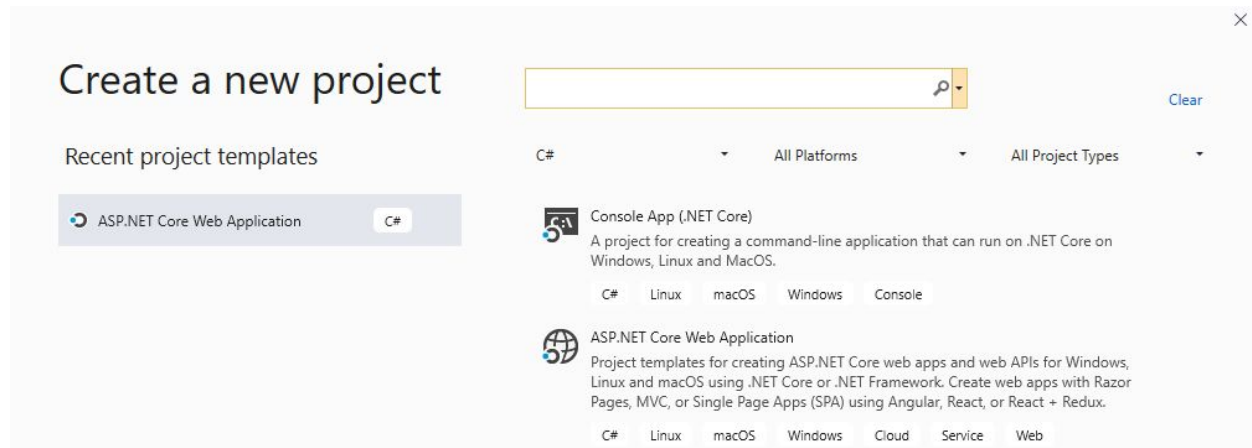
Once you are in Visual Studio, on launch, the starting window will give you options:



Click **Create a new project**. If you're already in a Visual Studio project, you can get to the next step by going **File > New > Project**.

2. Choose Project Typet

In the new project window, choose **Console App (.NET Core)**:



If you don't see this as an option, change the project type dropdown in the top right (says "All Project Types" above) to Console. If you still don't see it, verify that

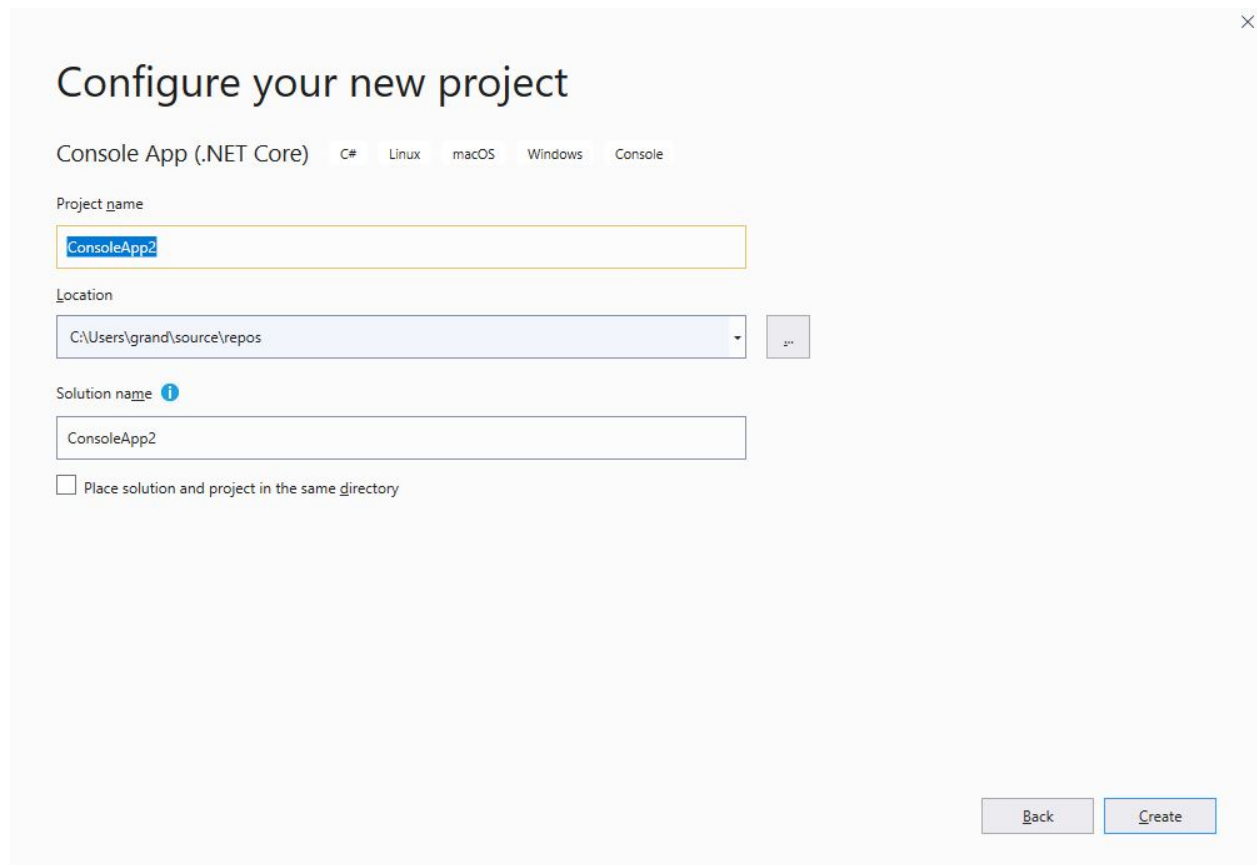
Make sure you chose **Console App (.NET Core)**, not .NET Framework, and click **Next** at the bottom.

3. Name Project

Name your project something meaningful like: **"Deliverable1"**

Note the location--by default Visual Studio wants to save all your programs in your username's source/repos folder, not Documents. That's a good place for them and easy to navigate to in GitBash.

Click **Create**.



The screenshot shows the 'Configure your new project' dialog box in Visual Studio. The title bar has a close button (X) in the top right corner. The main heading is 'Configure your new project'. Below the heading, there are tabs for 'Console App (.NET Core)', 'C#', 'Linux', 'macOS', 'Windows', and 'Console'. The 'Console App (.NET Core)' tab is selected. The 'Project name' field contains 'ConsoleApp2'. The 'Location' field shows 'C:\Users\grand\source\repos' with a dropdown arrow and a 'Browse' button (three dots). The 'Solution name' field, which has an information icon (i) to its left, also contains 'ConsoleApp2'. At the bottom left, there is a checkbox labeled 'Place solution and project in the same directory' which is currently unchecked. At the bottom right, there are two buttons: 'Back' and 'Create'.

Configure your new project

Console App (.NET Core) C# Linux macOS Windows Console

Project name

ConsoleApp2

Location

C:\Users\grand\source\repos

Solution name ⓘ

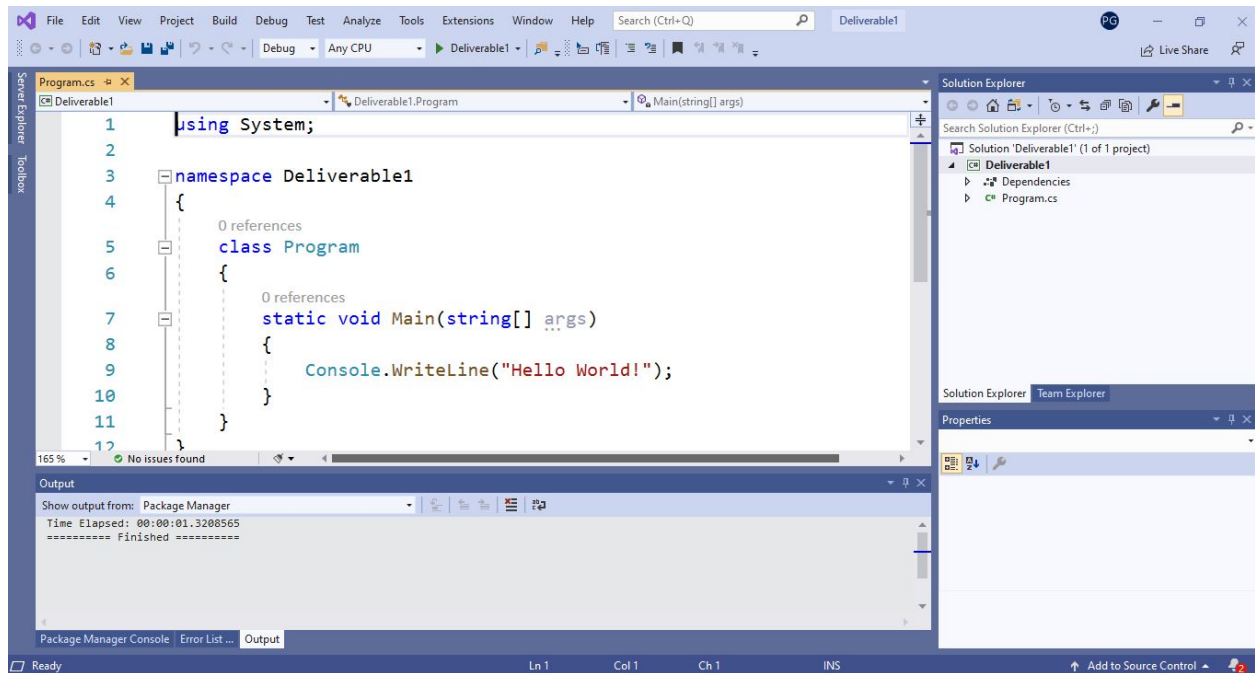
ConsoleApp2

☐ Place solution and project in the same directory

Back Create

4. Start Coding!

After a few seconds, you should see your Program.cs pop up with the Solution Explorer on the right. For Unit 1, you don't really need the Solution Explorer, but if it's missing you can get it by going to View > Solution Explorer on the menu bar.



Now you're ready to get going! Look over the program requirements, plan out the steps you'll need to take, and start building your Main() method.