



# Visual Studio - How to Create and Run a New Project

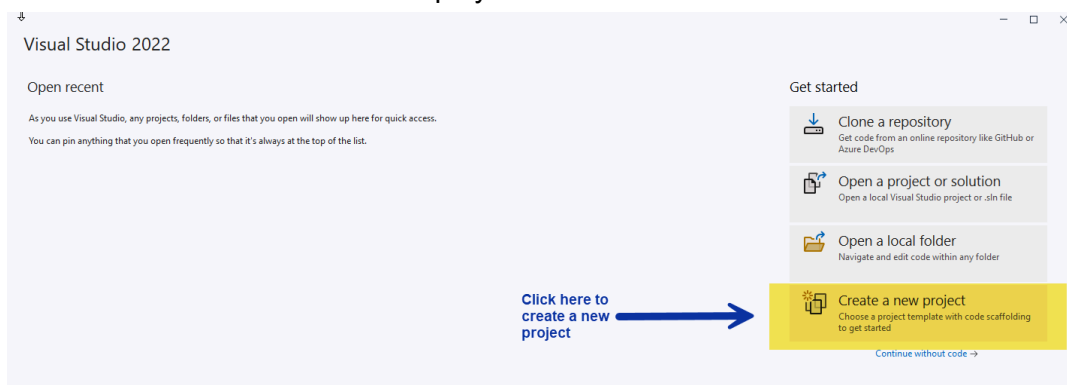
Before you start, you will need to have a folder in which to store your projects. If you don't have one or would like to create a new one follow these steps:

- a. Open a **GitBash** session on your PC. 
- b. Navigate to your home folder:  
Enter the command **cd ~**
- c. Create a new folder to hold your projects: **mkdir name-of-folder**

Example: **mkdir workspace**

- d. You should now have a new folder in your home folder with the name you specified.
- e. You will be using this new folder to hold your Unit-1 projects.

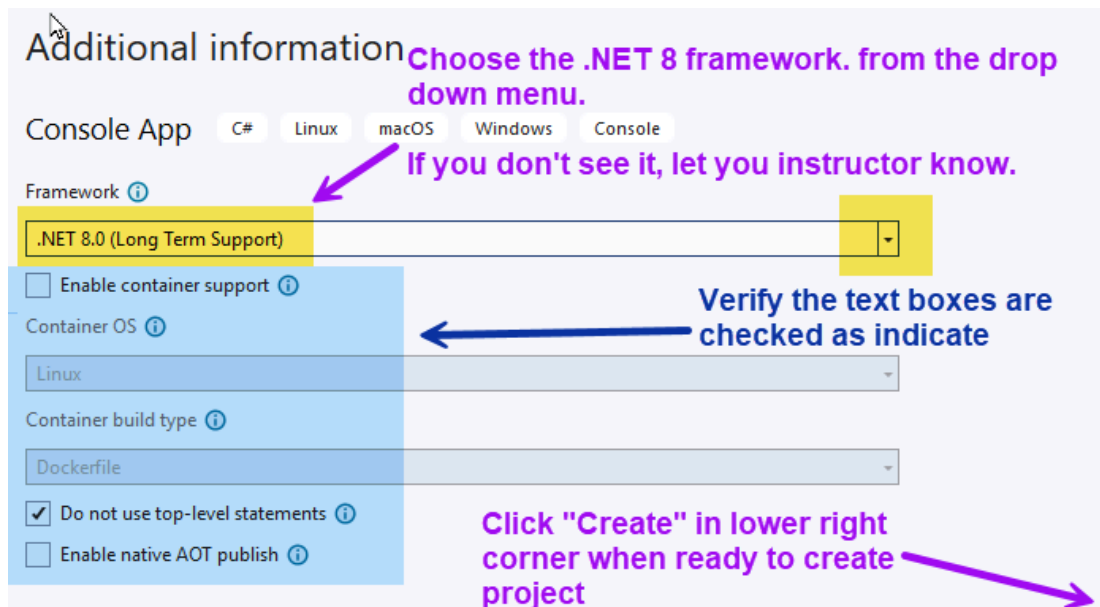
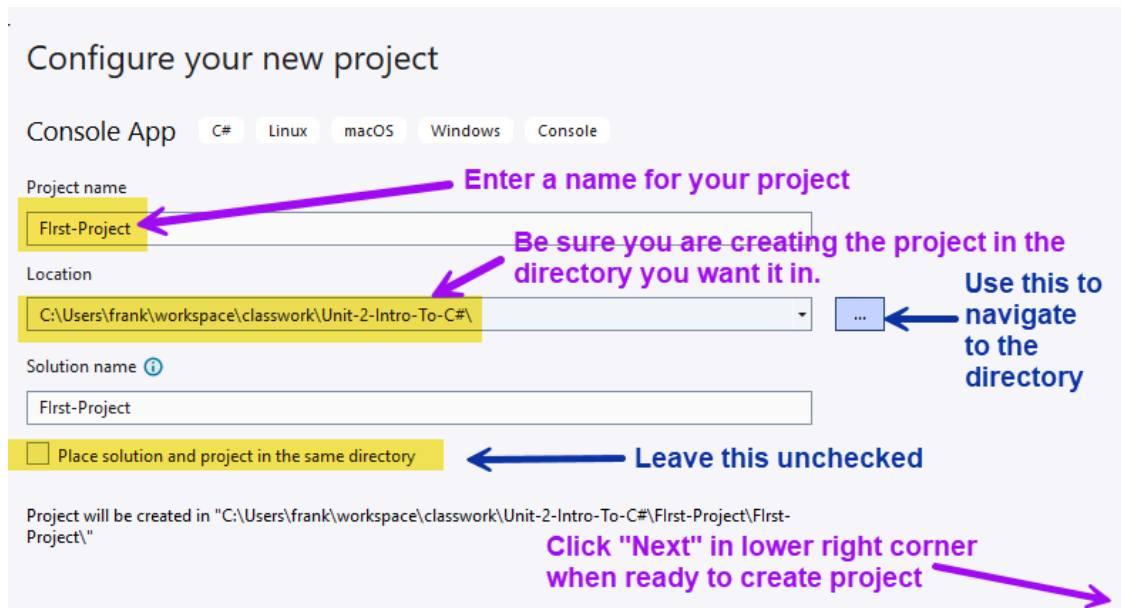
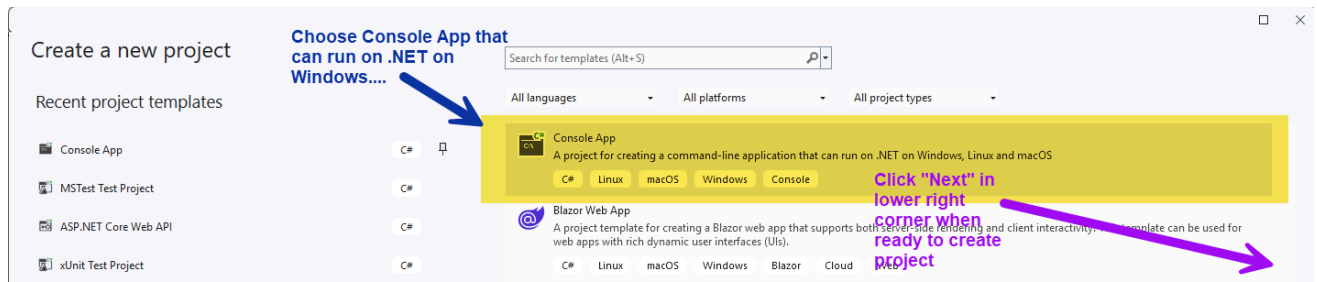
1. Click the Visual Studio icon  on the Task Bar or find Visual Studio in your programs menu.
2. Visual Studio should start and display one of these Welcome screens:



3. Click the "Create a new project" option to create a new project. (**Sample screen follows**)

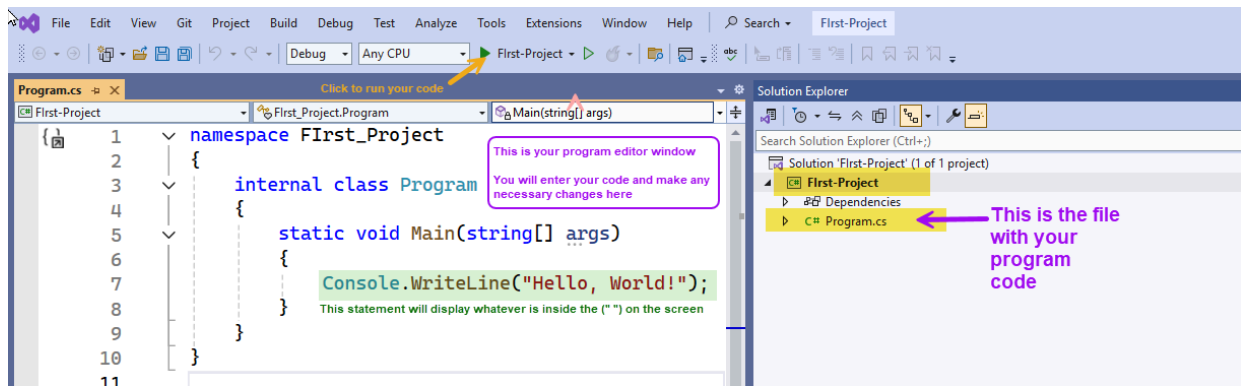
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4. You should see the following screens. Be sure you enter the information and choose only the options shown:

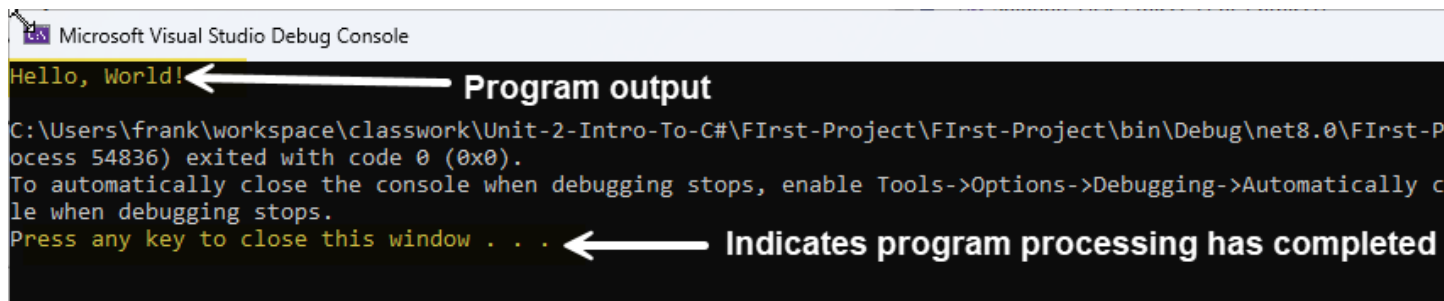


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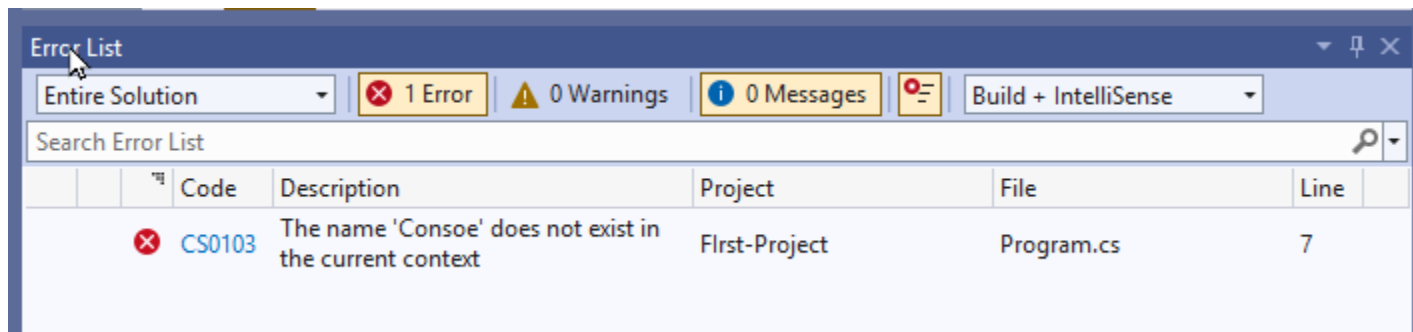
5. After the project is created you will be placed in the basic Visual Studio program development environment:



6. Click the run button to run the program; A terminal window will pop-up or appear at the bottom of the screen:

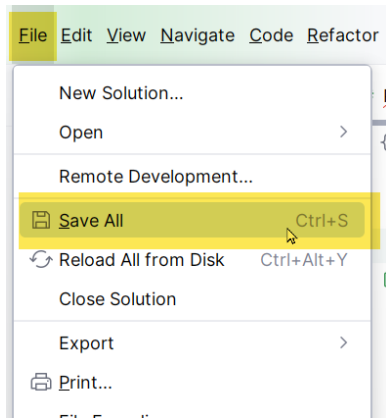


7. If there are errors in your code, you will see them in the Errors window. If you double-click the error the cursor will move the line in the program with the error:



8. Once you have corrected the errors, click the Run button to rerun the program.
9. Although your code is saved when you click the Run button, it is a good idea to save the code yourself before leaving Visual Studio or leaving it unattended for any length of time by choosing **File** → **Save All** from the menu at the top of the screen:

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You should now have successfully created a new project and run it successfully.

**Next Step:** Modify and run/test the code in the **Program.cs** file with the code for the programming solution you are creating.