

Bronx Community College
Department of Mathematics and Computer Science
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To create a new C++ project in Visual Studio

0. Install Visual Studio 2015 with C++ as in the “Installing Visual Studio” handout. (An important part of that is to do steps 5-15, which installs the C++ attachments necessary for Visual Studio to be used to create C++ programs.) I still have the installation executable for Visual Studio 2015, if anyone still needs it.) The following instructions should require few changes to work in Visual Studio 2017---I’ll see what changes might be necessary, but apparently most of you have already figured out how to do it.
1. From the top menu, select File->New->Project to bring up the “new project” dialog.
2. Select ‘Empty project’, give it a name, and pick a location which should be in a folder on your flash drive reserved for the new project. Click ‘enter’ to create a project, represented by a file named <project name>.vcxproj.
3. From the top menu, select View->Solution Explorer to show tree---the root at the top is the project name.
4. Click on Source Files->(right click)->Add->New Item->C++ File <rename the file here>.cpp
5. Enter code for the .cpp file using the edit screen. (Remember to add “system (“Pause”);” on the line before “return 0;”.)
6. From the top menu, select File->Save <new file name>
7. From the top menu, select Build->Project Only->Build Only <Project Name>, and watch the output window for possible error messages.
8. If the build succeeds---repeat steps 5-7 until it does---select View->Solution Explorer->(right click project name)->Debug->Start New Instance, and view the running program.
9. Look in the folder you created where you put the project, to see how it’s organized.

Thanks to Professor George Leibman for sharing his handout on this process.