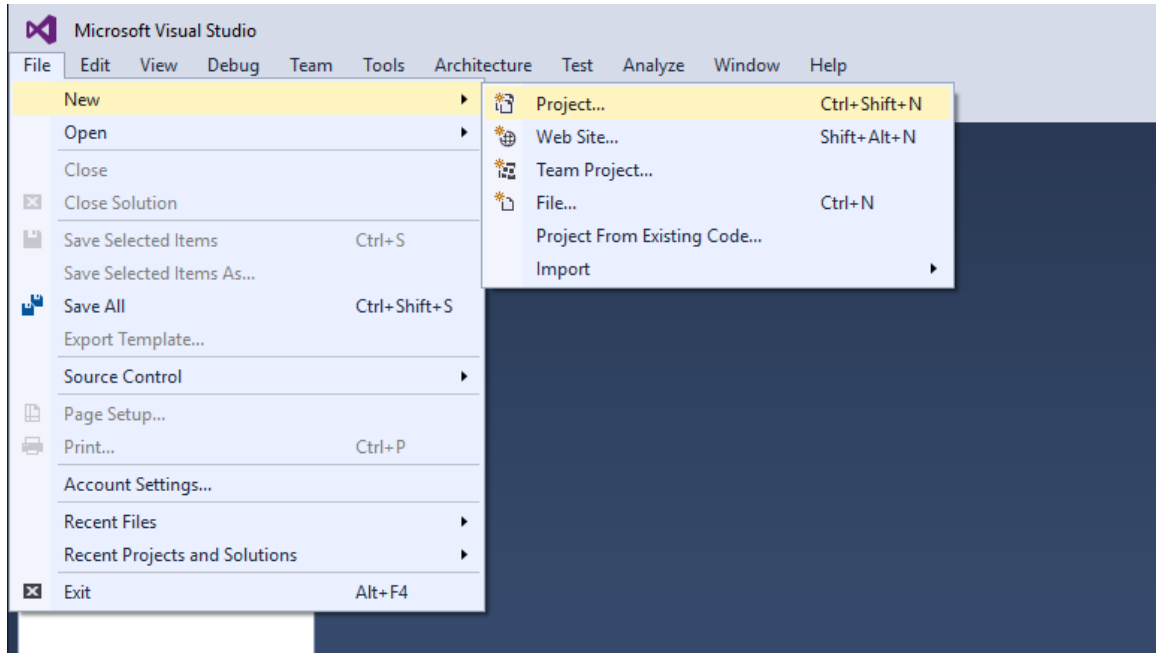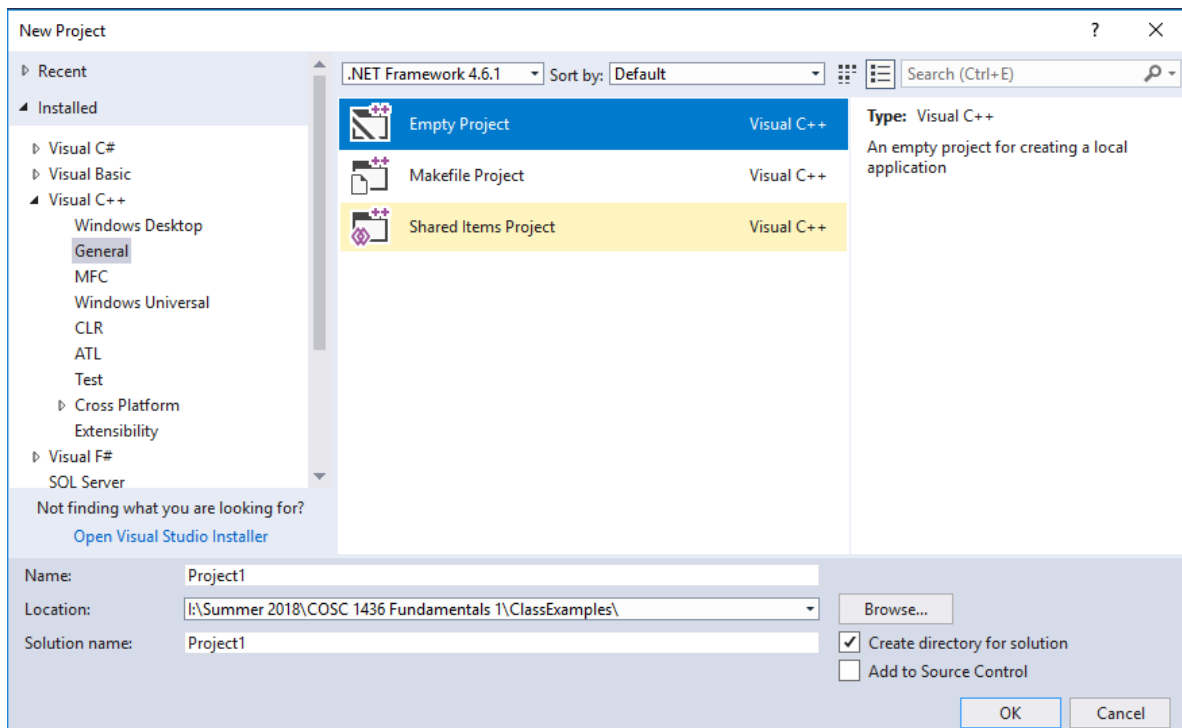Steps for Creating a Console Application project in Visual Studio 2017

Step 1. Start Visual Studio and close the start page.
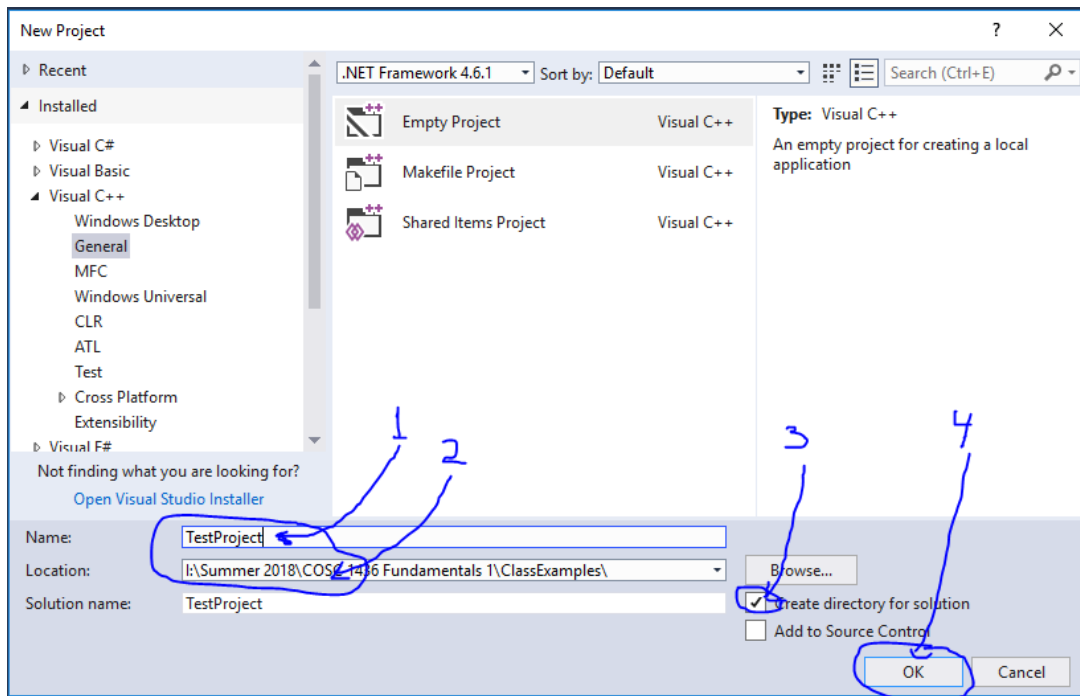
Step 2. Click File->New->Project
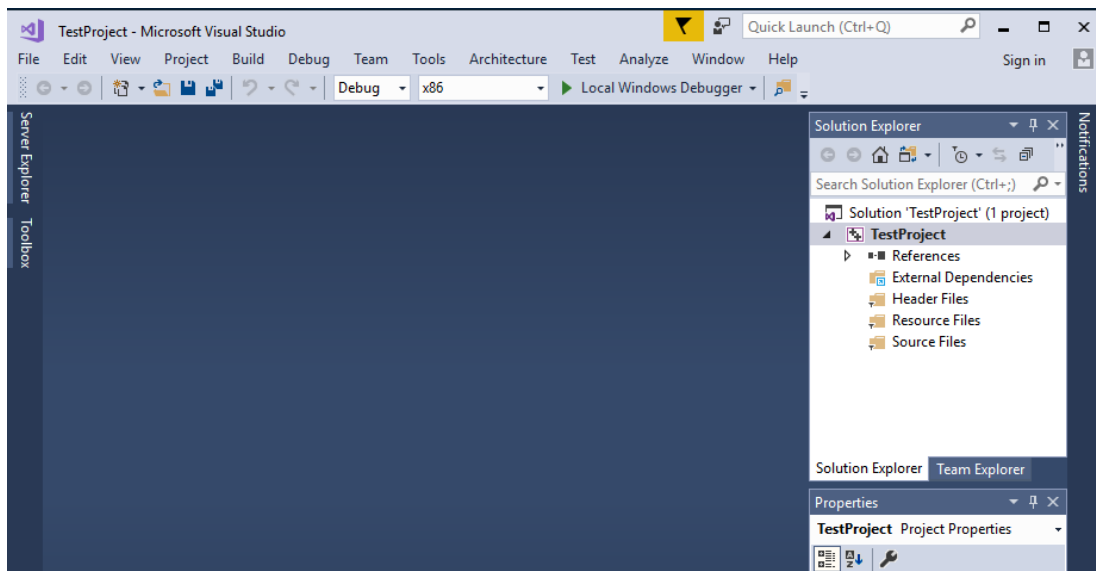

Step 3. The "New Project" dialogue box will be presented. Under Templates, expand Visual C++ (click on the triangle) and then under Visual C++ select General. In the center section of the dialogue box, select Empty Project

Step 4. In the lower section of the New Project Dialogue box, type in the name of the project. Here I used the name "TestProject". I recommend not to place spaces in the name. Select a location for your project. Make sure the "Create directory for Solution" is checked. Then click "OK".

Step 5. You should now have the below environment. At this point you can either add the template file or starter file or you can create a new file.

Steps for adding the template file or starter file

Step 6. Copy the template file or starter file into the project folder of your project. Here is the TestProject solution folder. Copy the template.cpp or copy the starter file from its location file. Double click on TestProject.

Name	Date modified	Type	Size
TestProject	7/5/2018 1:44 PM	File folder	
template.cpp	10/24/2017 3:08 PM	CPP File	2 KB

7a. Now you see the inside of the solution folder where you will find the project folder with the same name, "TestProject". Your solution folder may contain some other files as well.

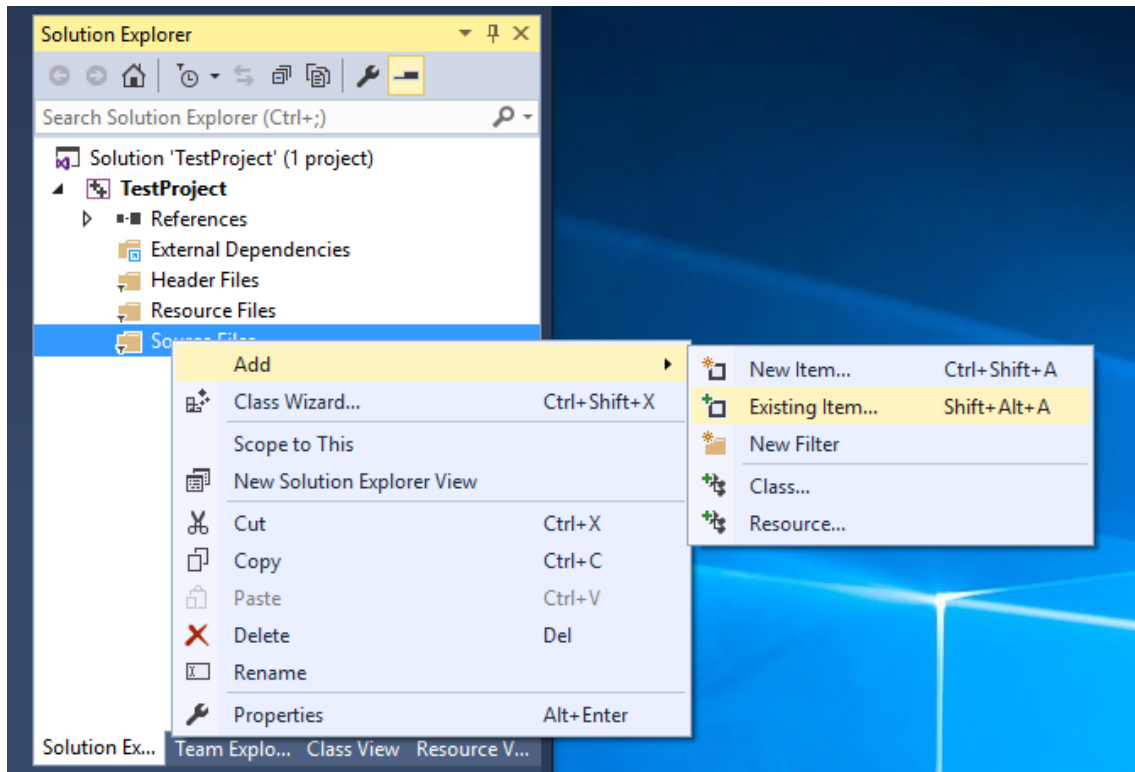| Name	Date modified	Type	Size
.vs	7/5/2018 1:44 PM	File folder	
TestProject	7/5/2018 1:44 PM	File folder	
TestProject.sln	7/5/2018 1:44 PM	Visual Studio Solu...	2 KB

7b. Double-click on the project folder "TestProject". This is where you will paste in the template.cpp file or starter file that you copied in a previous step. Here you see the TestProject project folder open with the template.cpp file copied in.

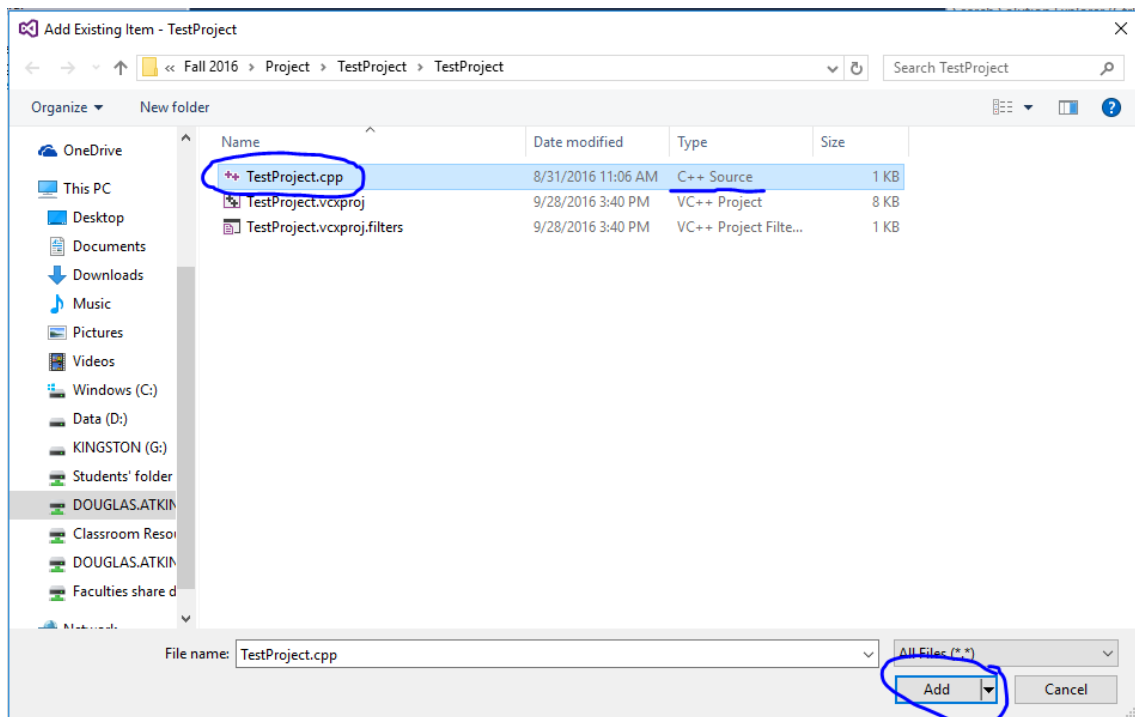| Name	Date modified	Type	Size
template.cpp	10/24/2017 3:08 PM	CPP File	2 KB
TestProject.vcxproj	7/5/2018 1:44 PM	VC++ Project	6 KB
TestProject.vcxproj.filters	7/5/2018 1:44 PM	VC++ Project Filte...	1 KB

7c. Last part of this step, rename the template.cpp file to whatever you would like such as TestProject.cpp.

Name	Date modified	Type	Size
TestProject.cpp	10/24/2017 3:08 PM	CPP File	2 KB
TestProject.vcxproj	7/5/2018 1:44 PM	VC++ Project	6 KB
TestProject.vcxproj.filters	7/5/2018 1:44 PM	VC++ Project Filte...	1 KB

Step 8. Go back to Visual Studio. In Solution Explorer, right-click on Source File then select Add->Existing Item…

Step 9. Select TestProject.cpp. If you do not have your computer setup to show file extensions, then make certain that the TestProject file you select is the one that is Type C++ Source. Next, click "Add"

Step 10. You are now ready to code. You should see TestProject.cpp under Source Files. You can double-click on it and it should open up in the document area of Visual Studio.