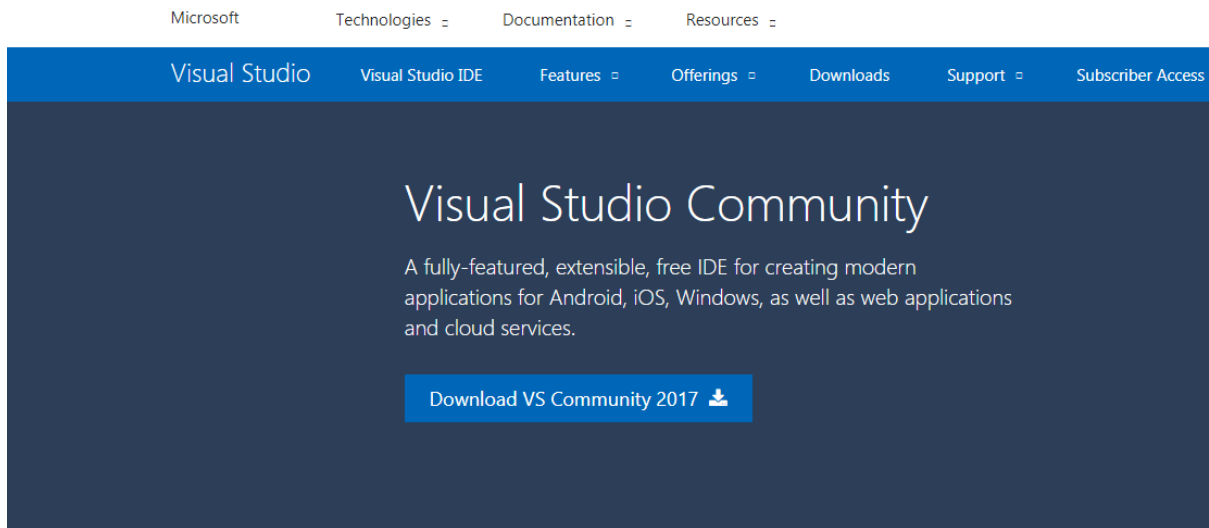
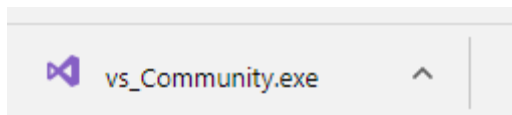


# Guide to Install MS Visual Studio 2017

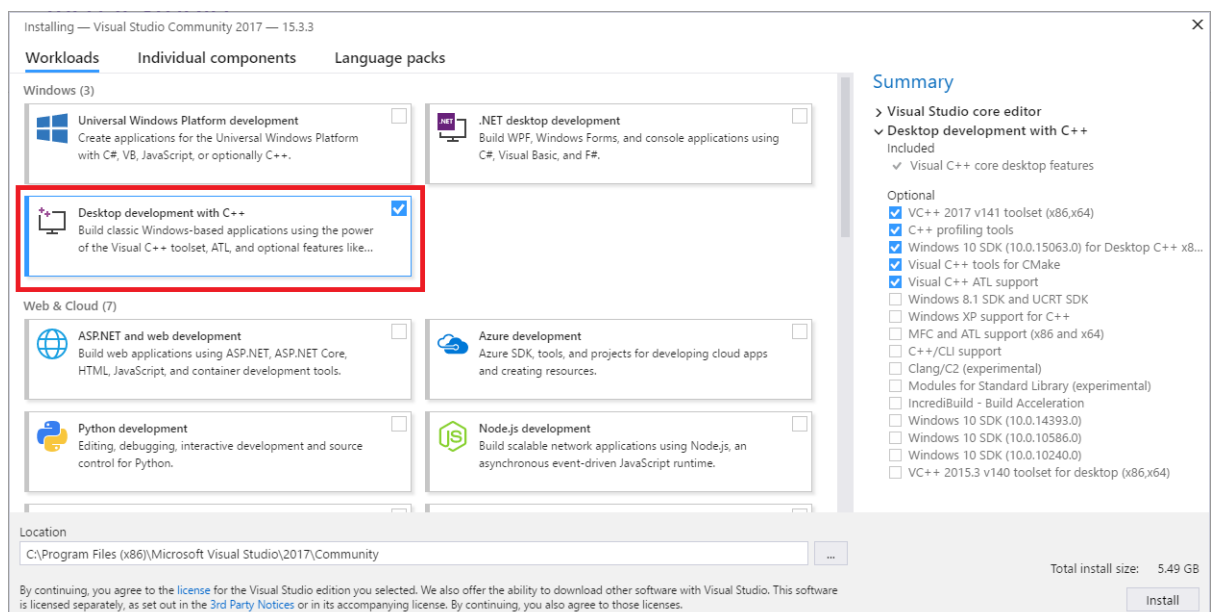
0. Download MS Visual Studio Community 2017 from <https://www.visualstudio.com/vs/community/>



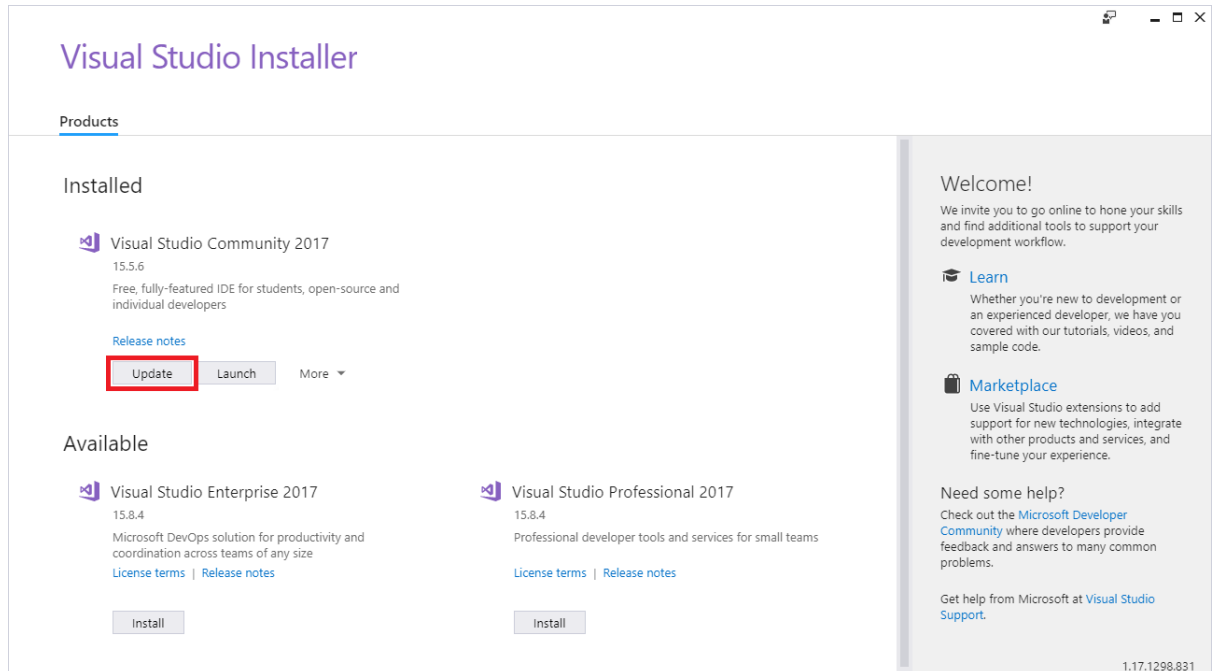
1. Start the installation via the executable you downloaded



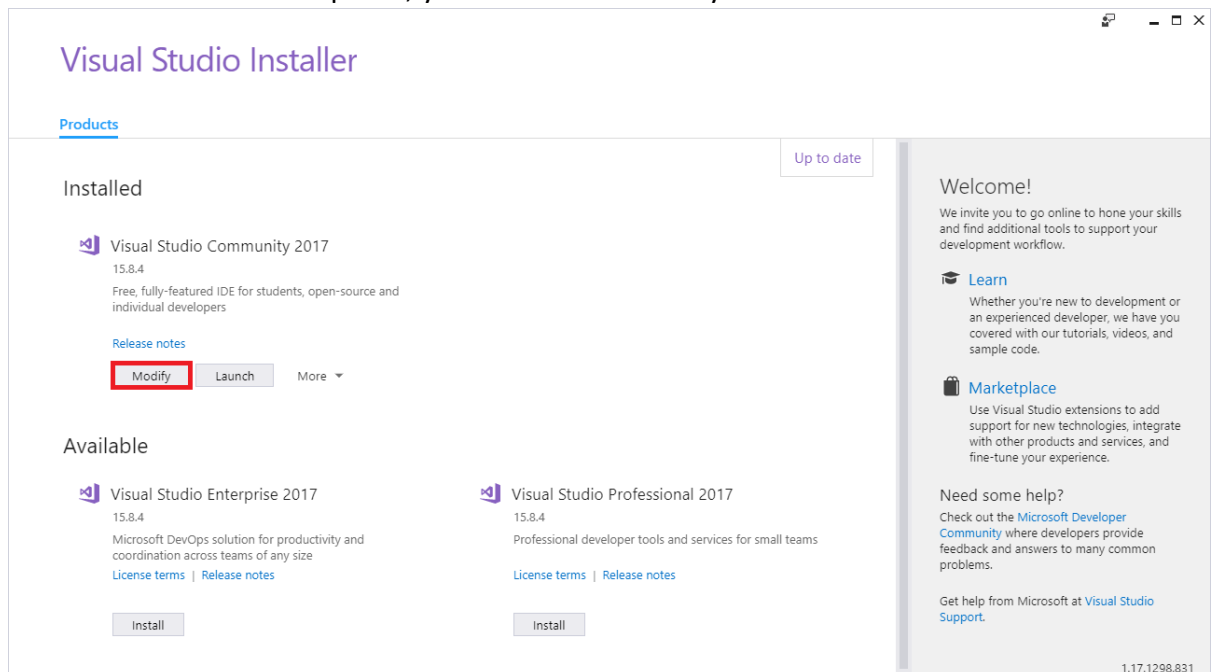
2. In the window asking about workloads, enable **Desktop development with C++** and then click install.



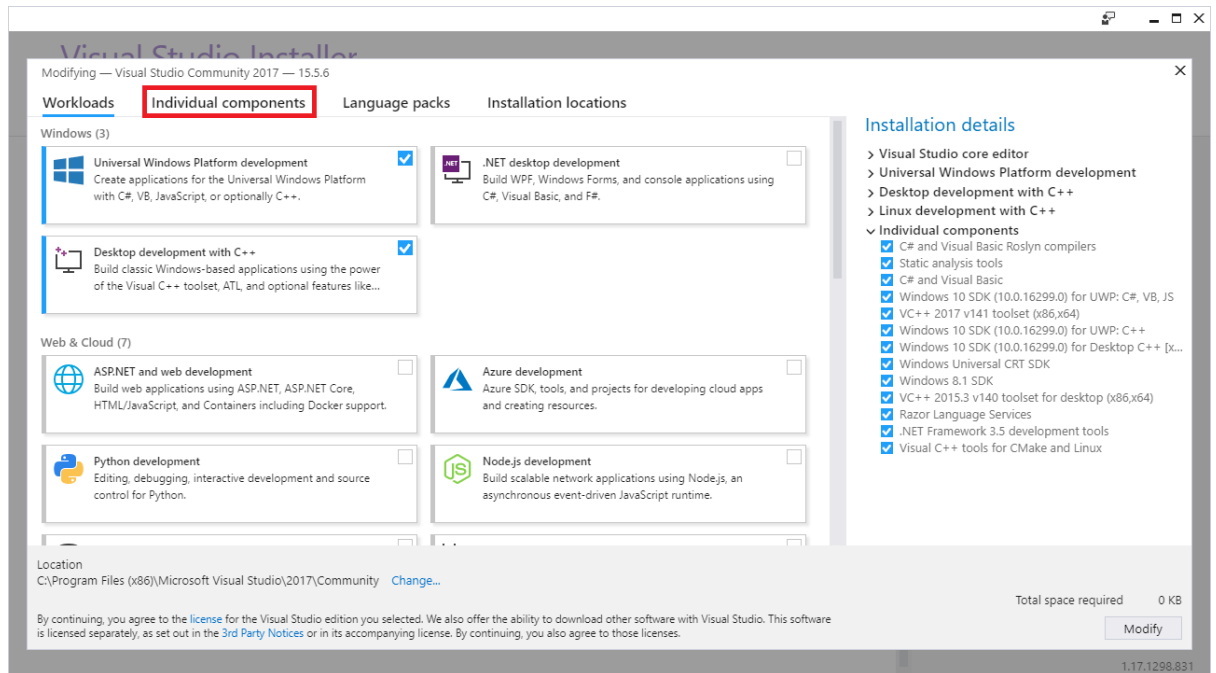
3. After installing, or for old installations, you need to make sure certain components in Visual Studio are installed. First of all click on the update button for Visual Studio Community 2017.



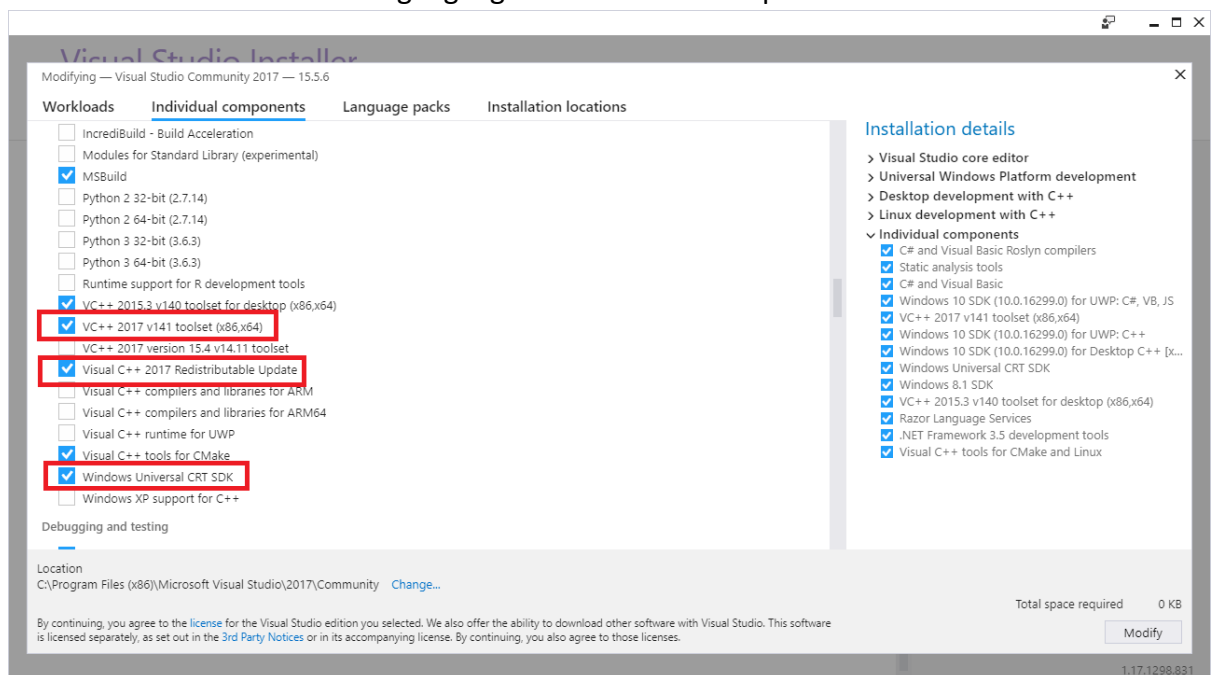
Once VS is at the latest update, you will see the modify button. Press it.

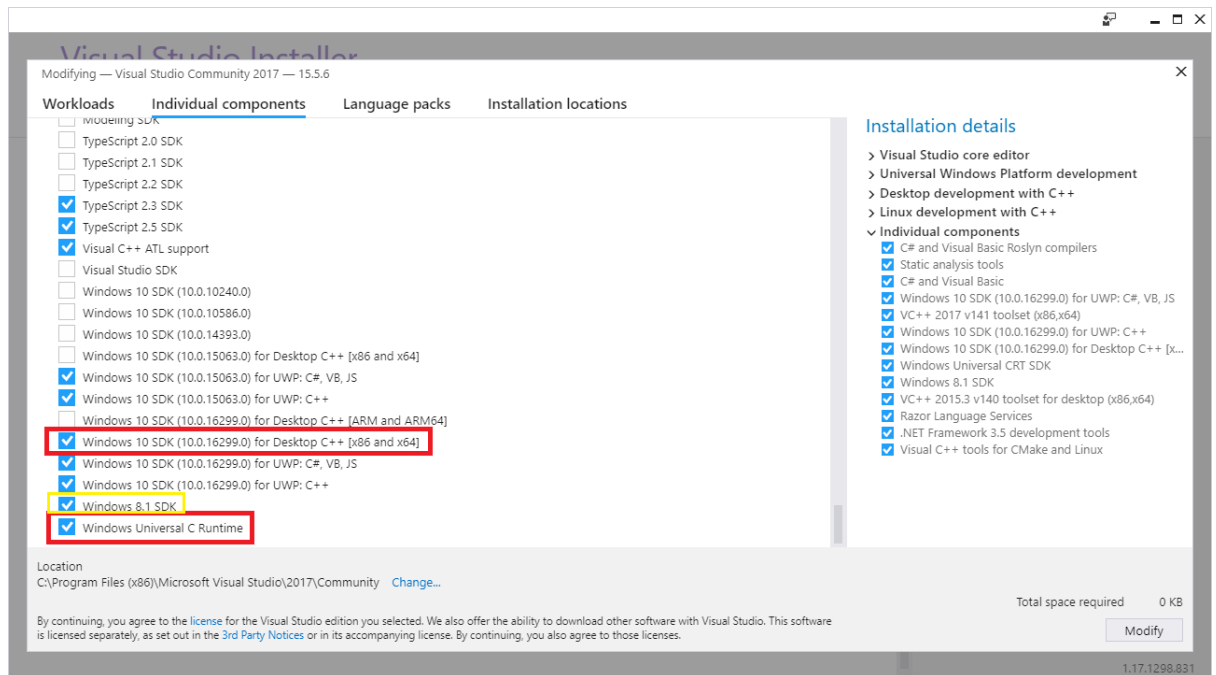


Then click the button to select individual components



Please check that the following highlighted individual components are set:

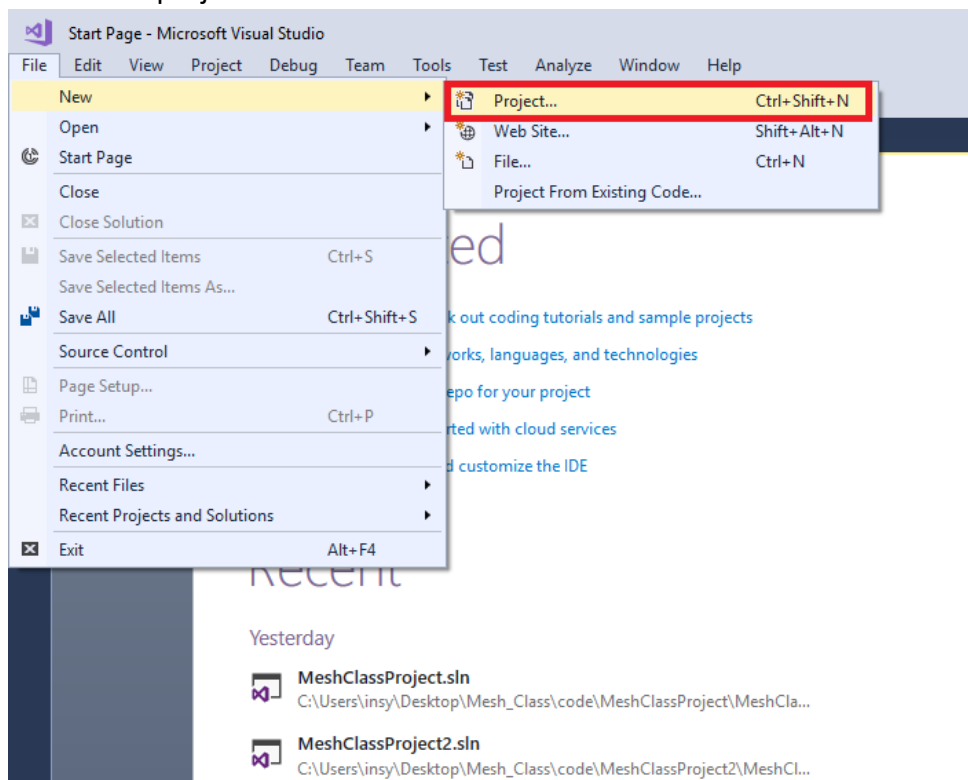




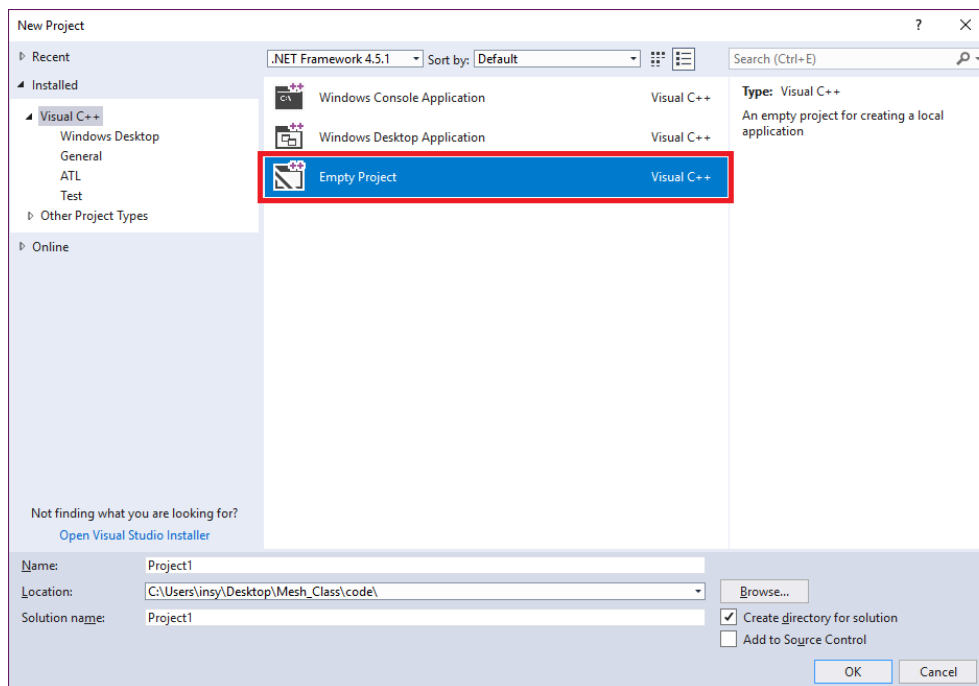
You should only install the Windows 8.1 SDK if you are running Windows 8.1.

#### 4. For creating a new project :

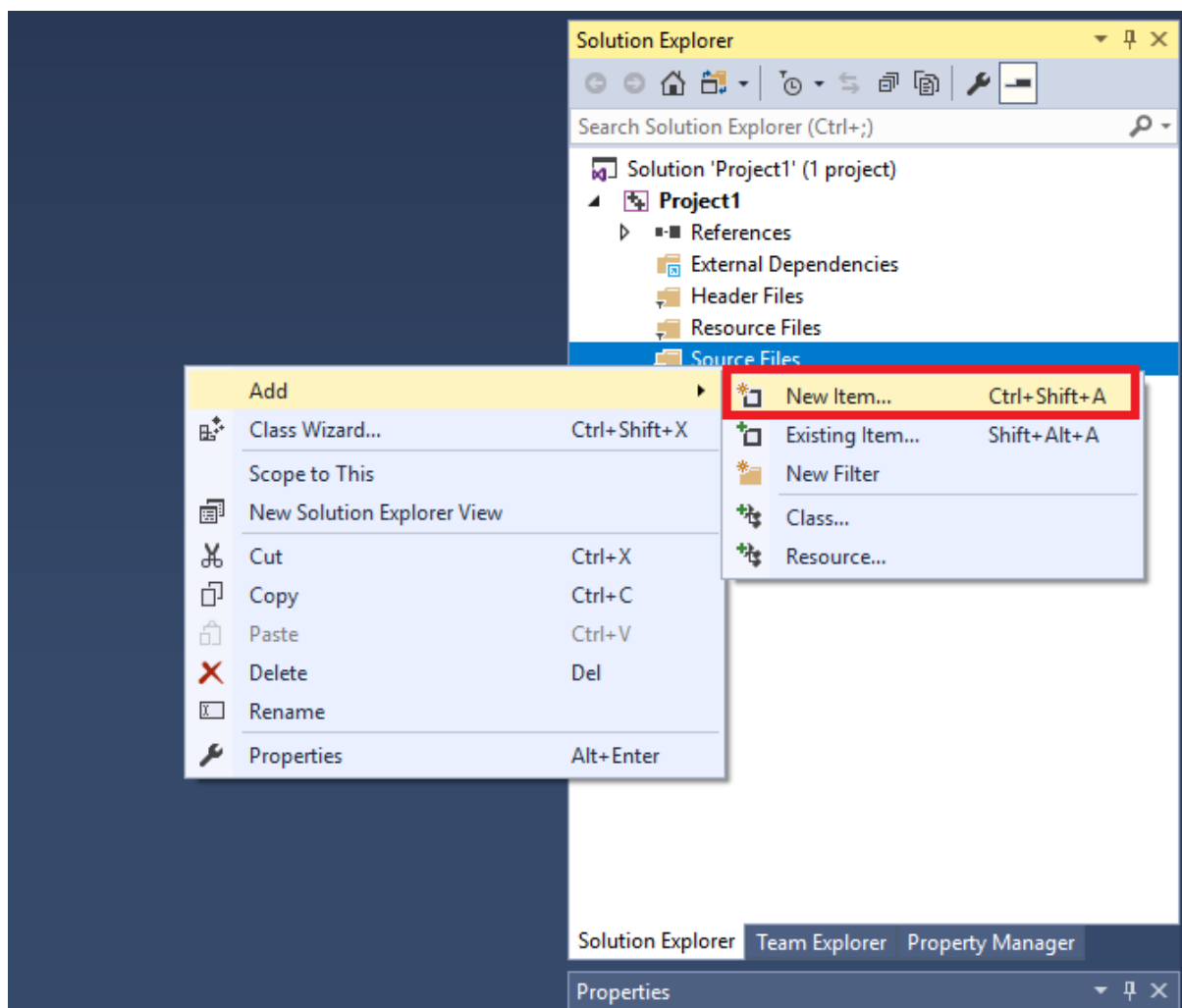
Select new project from the file menu



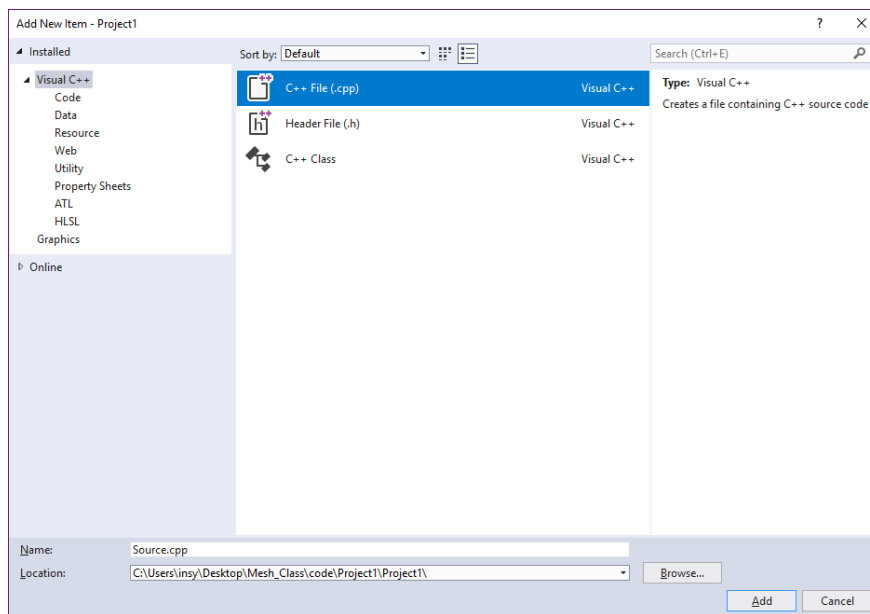
Select Empty C++ project from the options



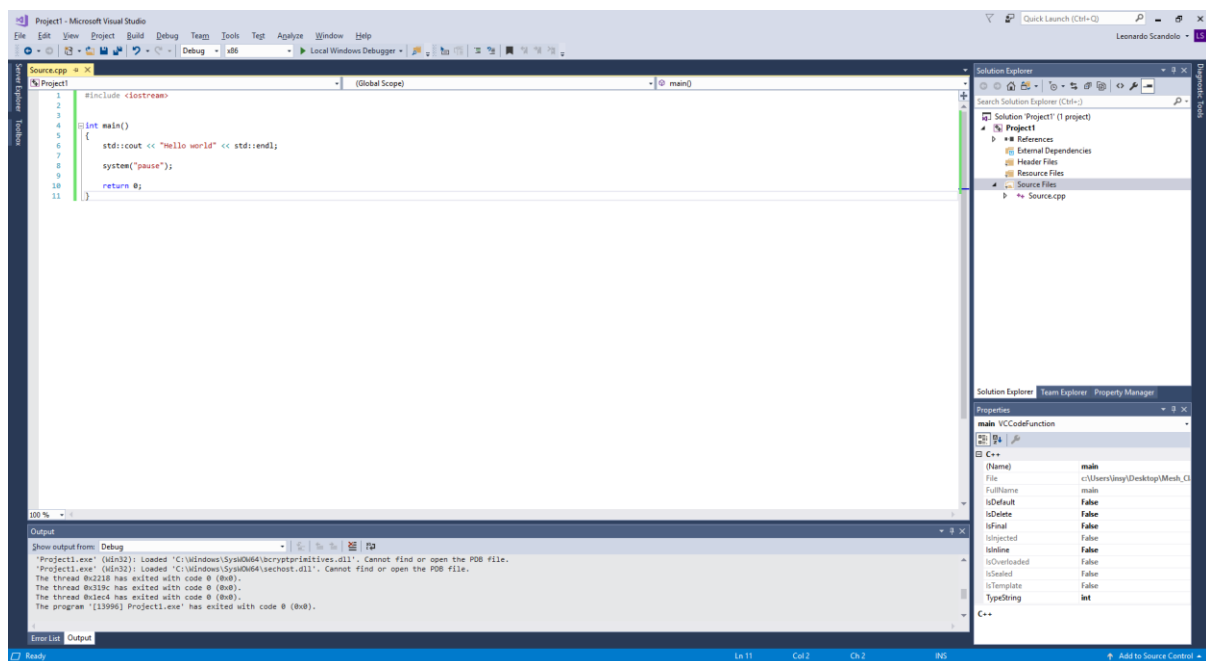
Right-Click **Source Files** in the Solution explorer (if you don't see it you can bring it up with ctrl-alt-l), and select add new item.



## Select to create a new C++ file



This is a basic hello world program. It can be run by pressing the play button on the top panel, or pressing F5.



For the practice files, the .cpp and .h provided can be added to the project by right-clicking on the project in the solution explorer, clicking **Add existing item**, and selecting the files.