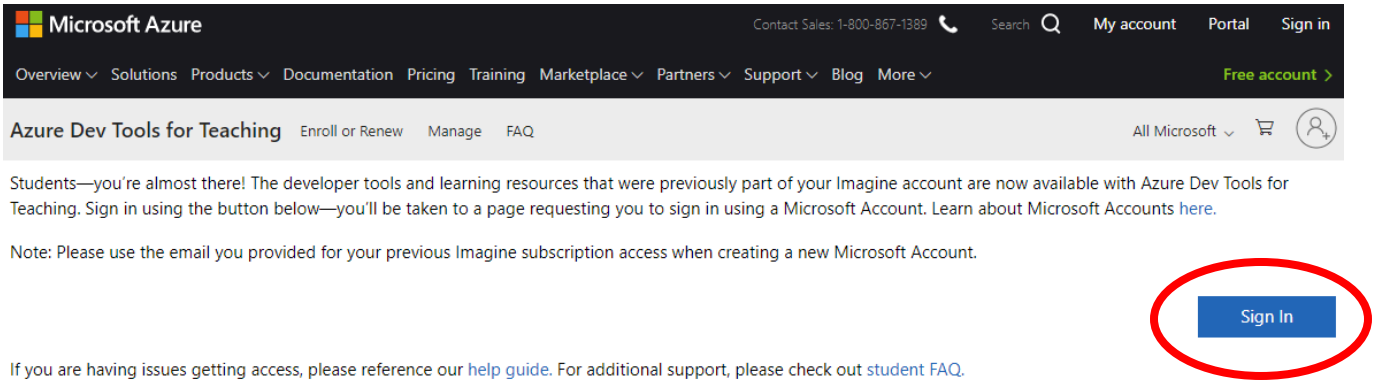
Download and Install Visual Studio 2017

Math & Computer Science Department – Webster University

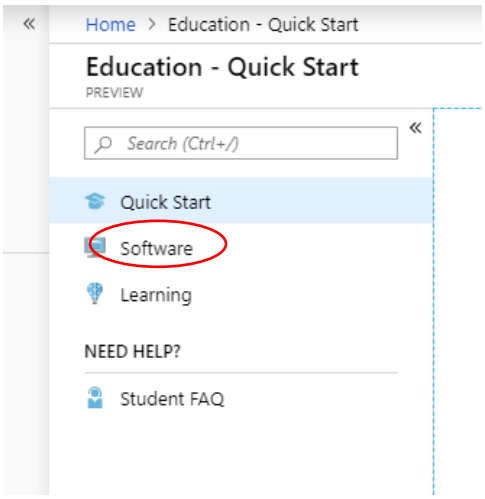
Students currently enrolled in one of the Math & Computer Science department's computing courses in St. Louis may download a variety of free Microsoft software via the University's Azure online store.

1. Visit the Microsoft Azure University portal
   https://aka.ms/devtoolsforteaching

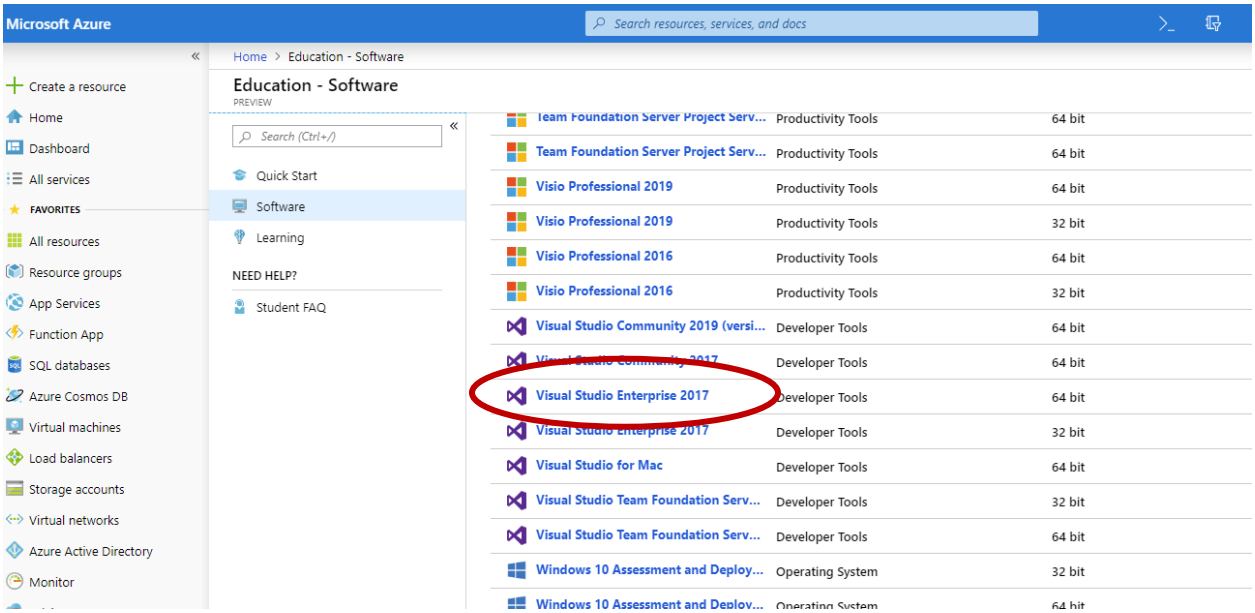
   You will have to log in using your connections ID and password



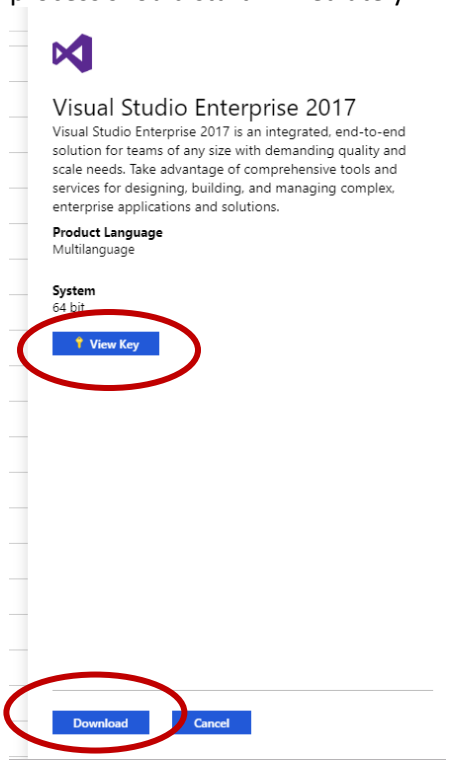
2. Click on "Software":



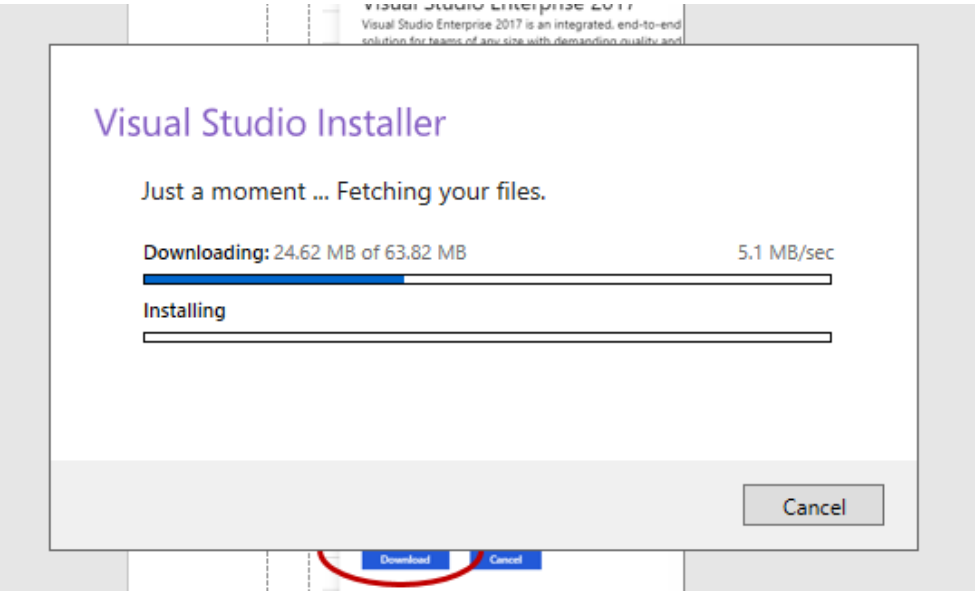
3. Scroll all the way to the bottom and find " Visual Studio Enterprise 2017", click on the link



4. First click on "View Key" and keep the key in a safe place, and then click on "download". The downloading process should start immediately.



5. Click on the file downloaded “vs_enterprise__....exe” file and installation process should start immediately. The installation process will take a few minutes, be sure to have stable internet connections and a reliable power source.

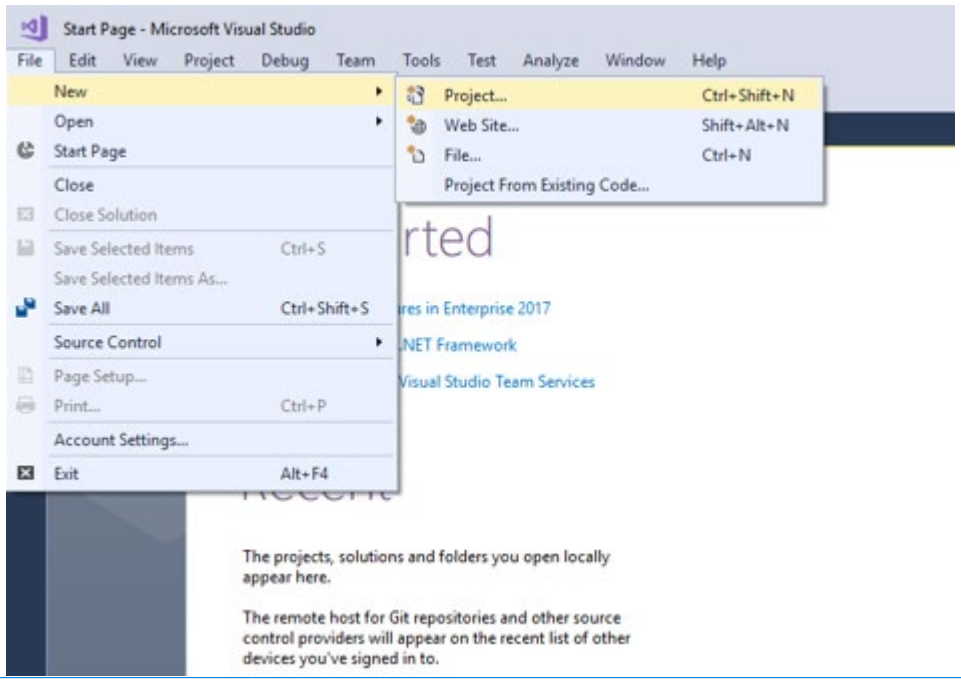


6. At the end of this process, you may be asked to restart your computer.
Now proceed to the next page for building your first project on Visual Studio 2017.

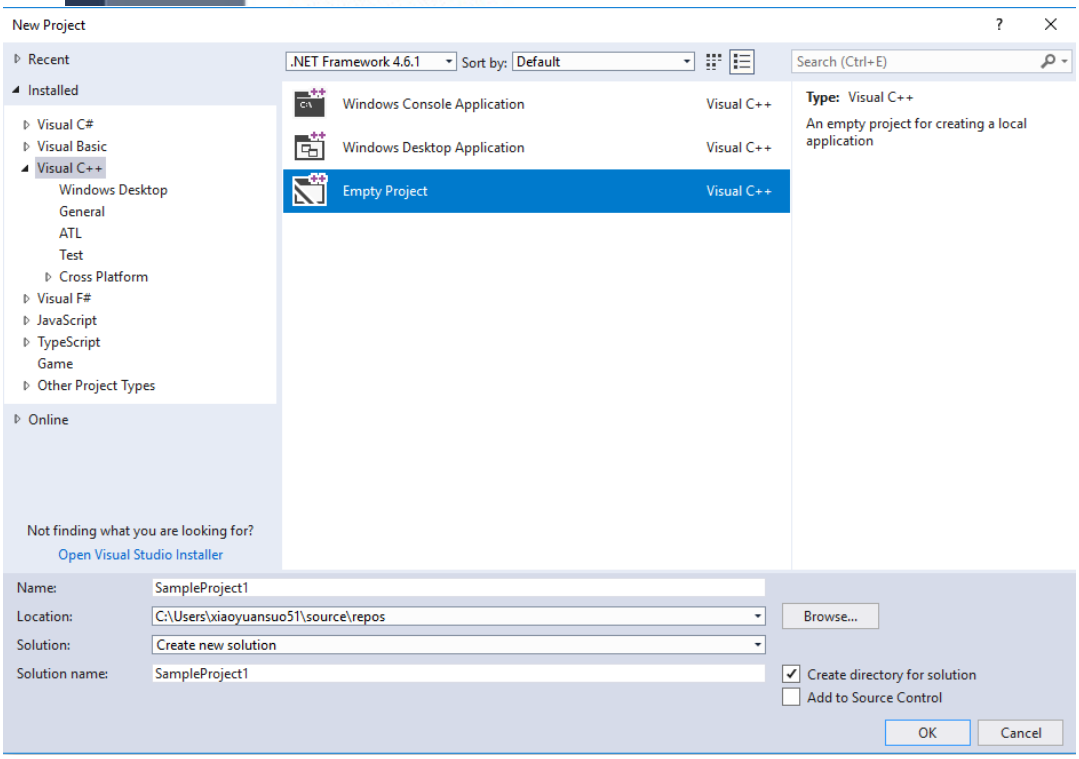
Getting Started with Visual Studio 2017

In your start menu, find the installed Visual Studio 2017

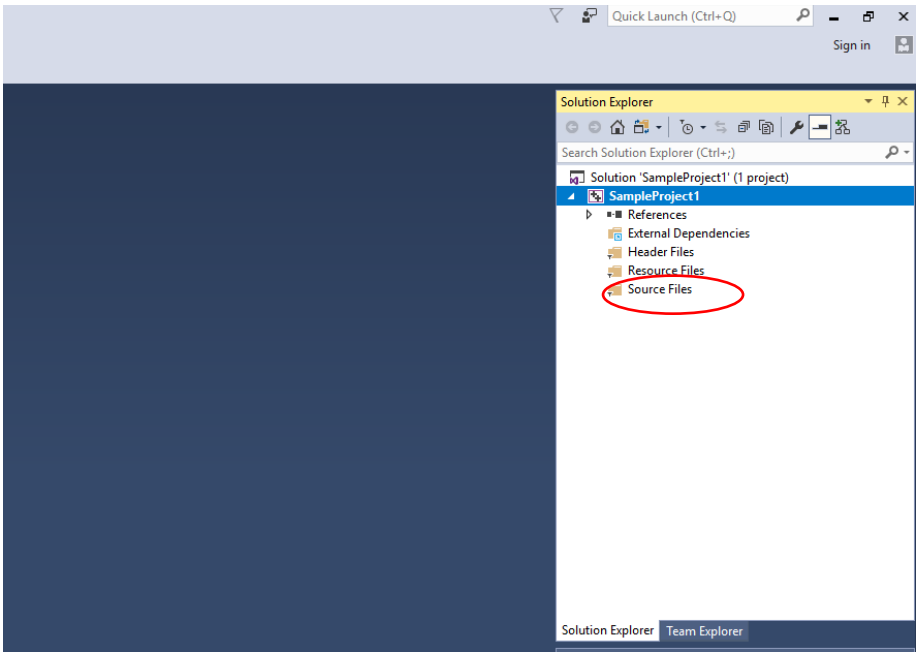
1. Choose File→New→Project



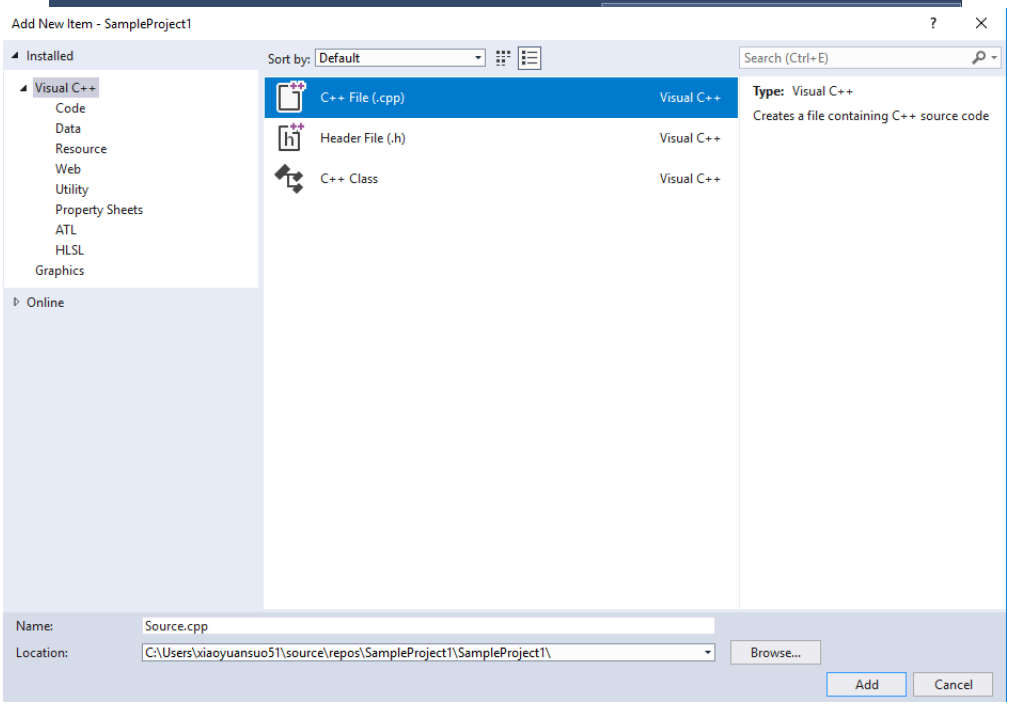
2. Choose "Visual C++"→ Empty Project →Name the project→ Click on "OK"



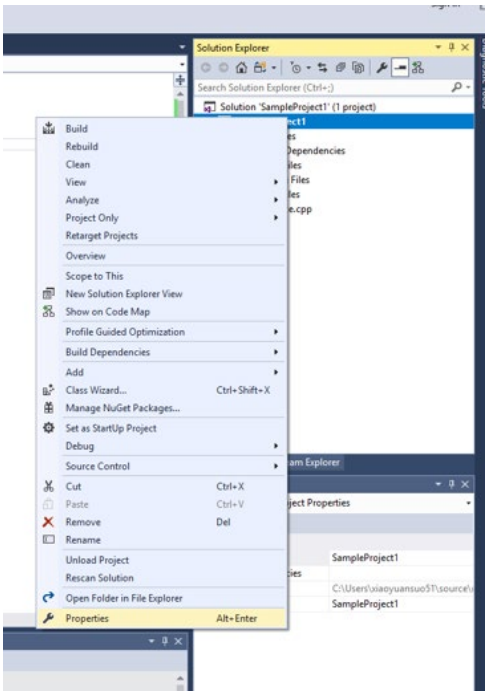
3. On the right hand side, right click on “Source Files” → Click on “Add→and then “New Item”. If you already have an existing program, choose “Existing Item” instead.



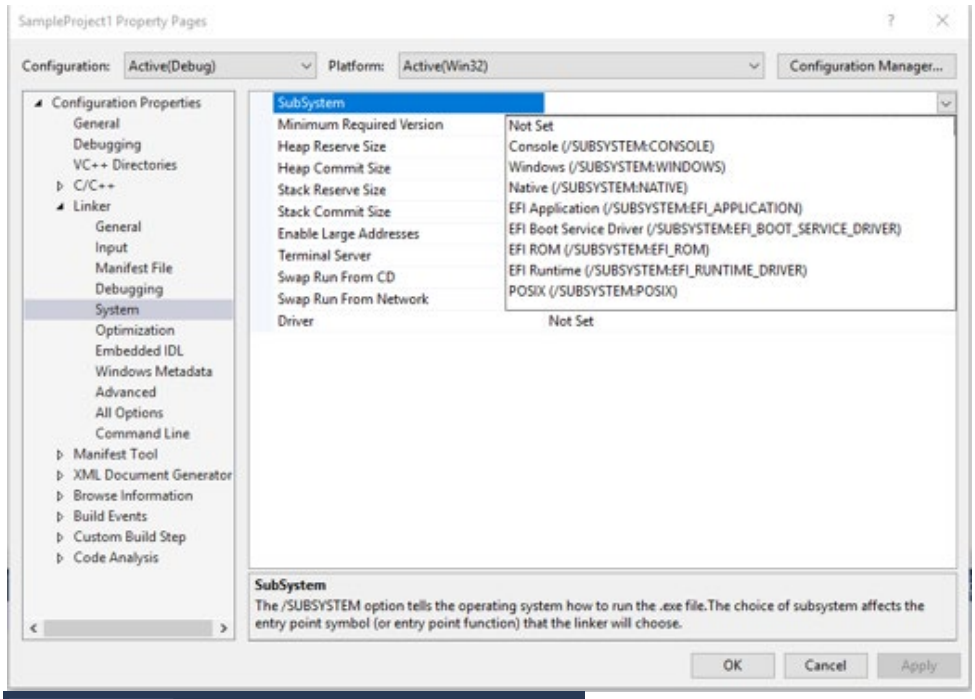
4. Choose “C++ File” and name the file



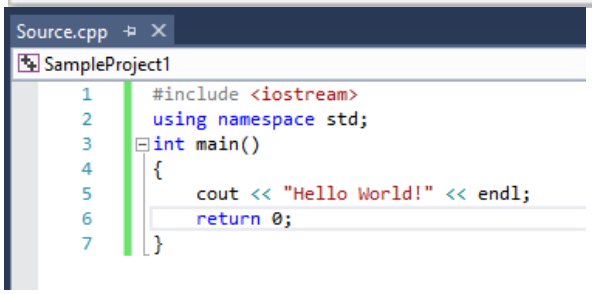
5. On the right hand side, right Click on your project title, and then select “Properties”



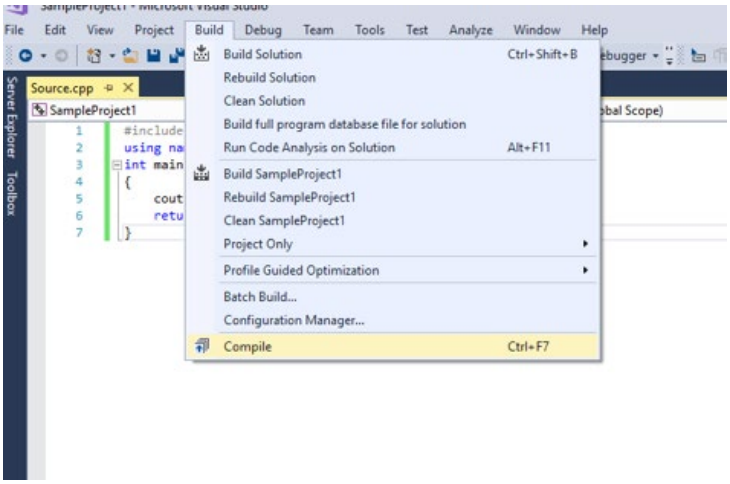
6. Choose Linker→System Click on the dropdown menu next to “SubSystem” and then choose “Console (/SubSystem:console)”. Click on “Apply”, and then “OK”



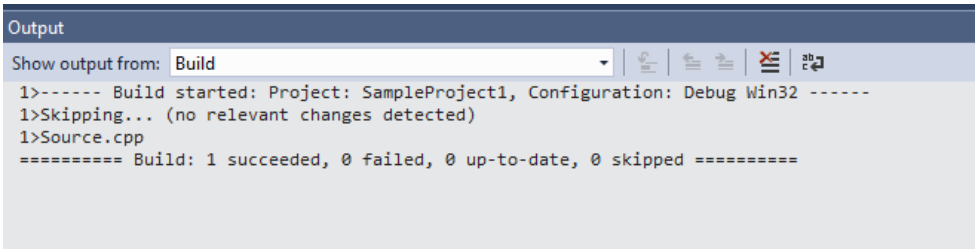
7. Start Programming!



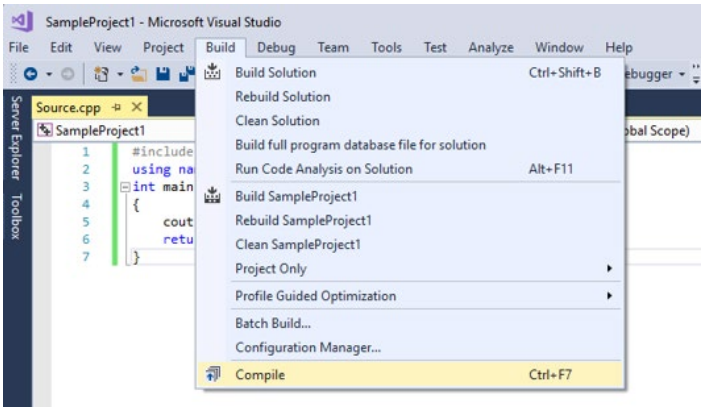
8. Click on “Build”, and then “Compile”



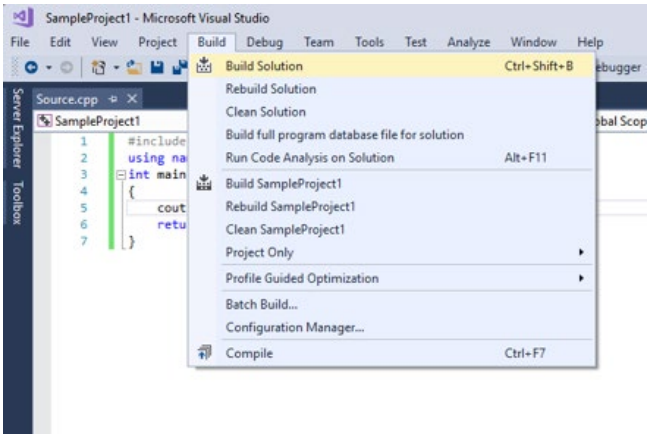
9. All potential Success/Fail messages will be shown in the output box on the bottom of the screen



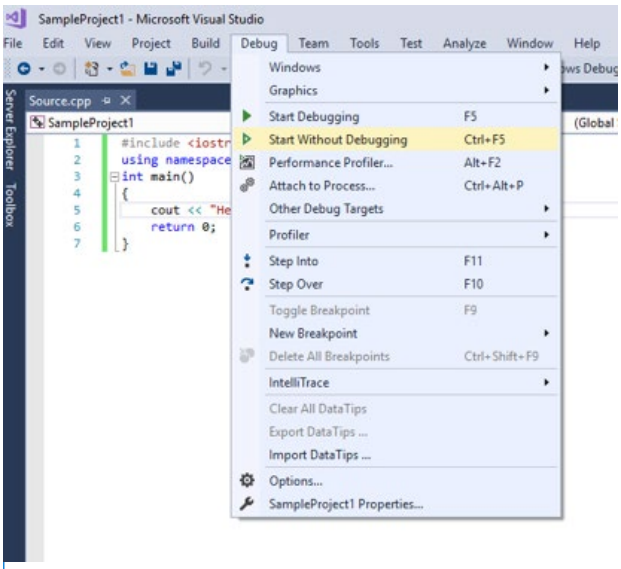
10.



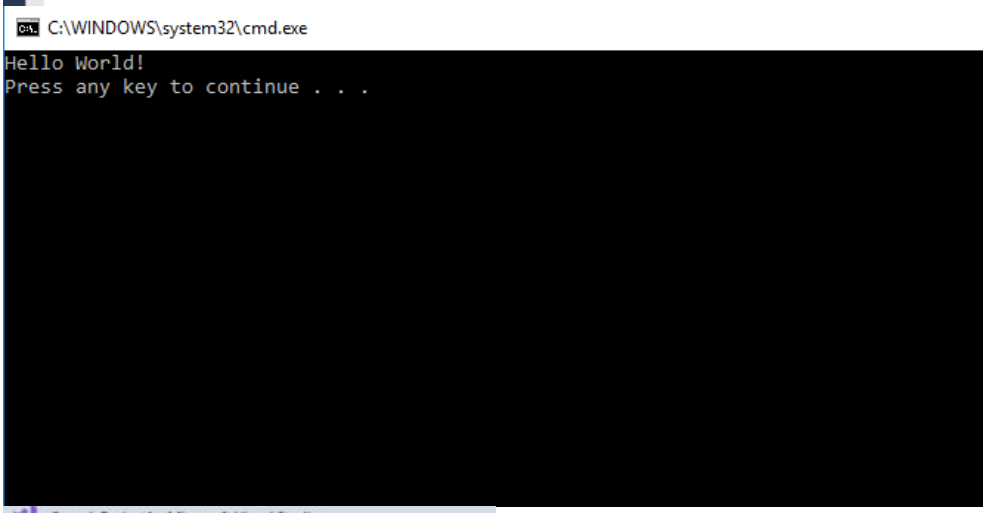
11. Click on “Build”→”Build Solution”



12. Now click on “Debug” and then “Start without debugging”



13. Console screen will show your final output



14. Be sure to save your programs by the end. To do so, click on “File”→”Save your_program.cpp” As…