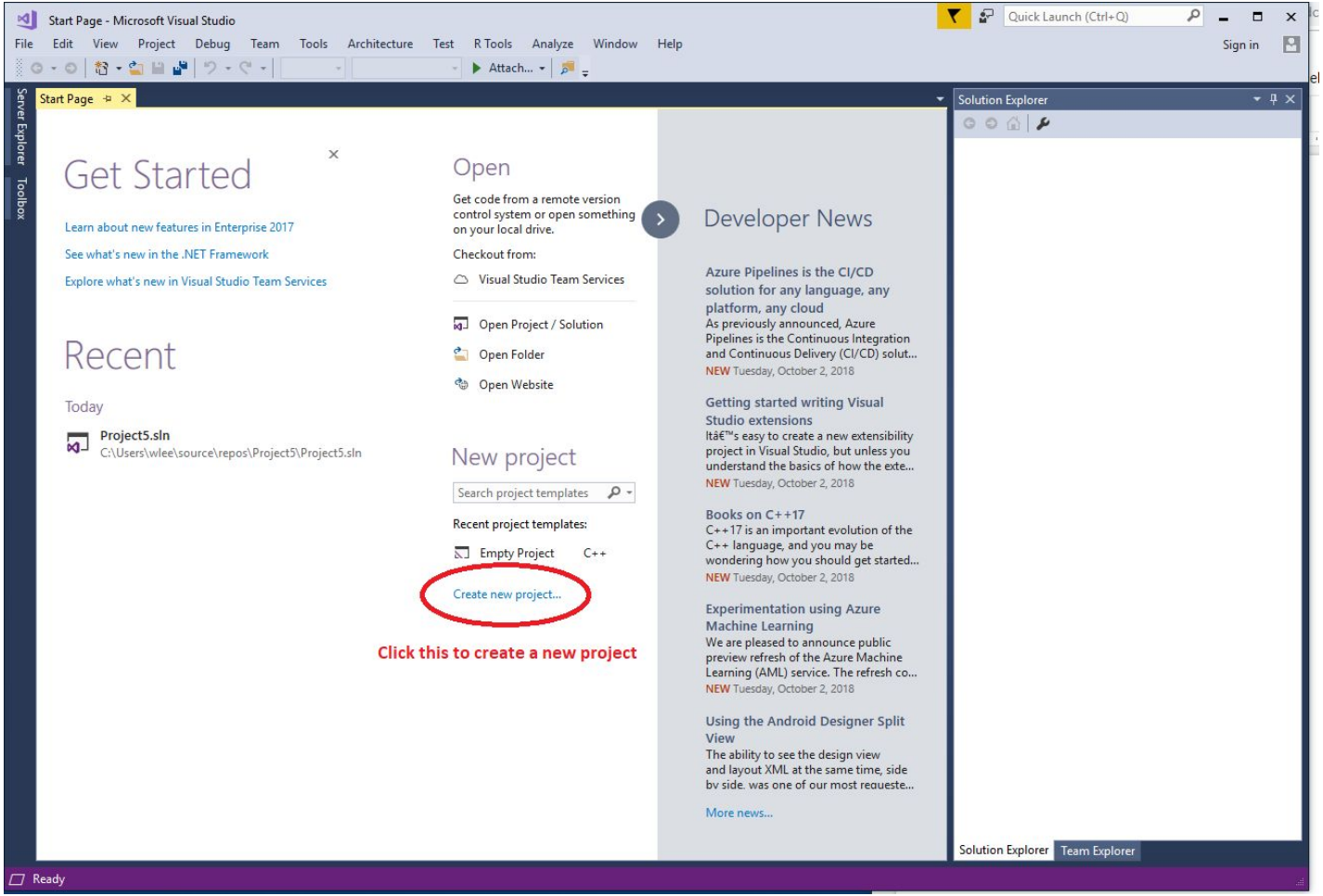
Creating a new project using visual studio


Start Page - Microsoft Visual Studio
File Edit View Project Debug Team Tools Architecture Test R Tools Analyze Window Help
Quick Launch (Ctrl+Q)
Sign in
Attach...
Server Explorer
Toolbox
Start Page
Get Started
Learn about new features in Enterprise 2017
See what's new in the .NET Framework
Explore what's new in Visual Studio Team Services
Recent
Today
Project5.sln
C:\Users\wlee\source\repos\Project5\Project5.sln
Open
Get code from a remote version control system or open something on your local drive.
Checkout from:
Visual Studio Team Services
Open Project / Solution
Open Folder
Open Website
New project
Search project templates
Recent project templates:
Empty Project C++
Create new project...
Click this to create a new project
Developer News
Azure Pipelines is the CI/CD solution for any language, any platform, any cloud
As previously announced, Azure Pipelines is the Continuous Integration and Continuous Delivery (CI/CD) solut...
NEW Tuesday, October 2, 2018
Getting started writing Visual Studio extensions
Itâ€™s easy to create a new extensibility project in Visual Studio, but unless you understand the basics of how the exte...
NEW Tuesday, October 2, 2018
Books on C++17
C++17 is an important evolution of the C++ language, and you may be wondering how you should get started...
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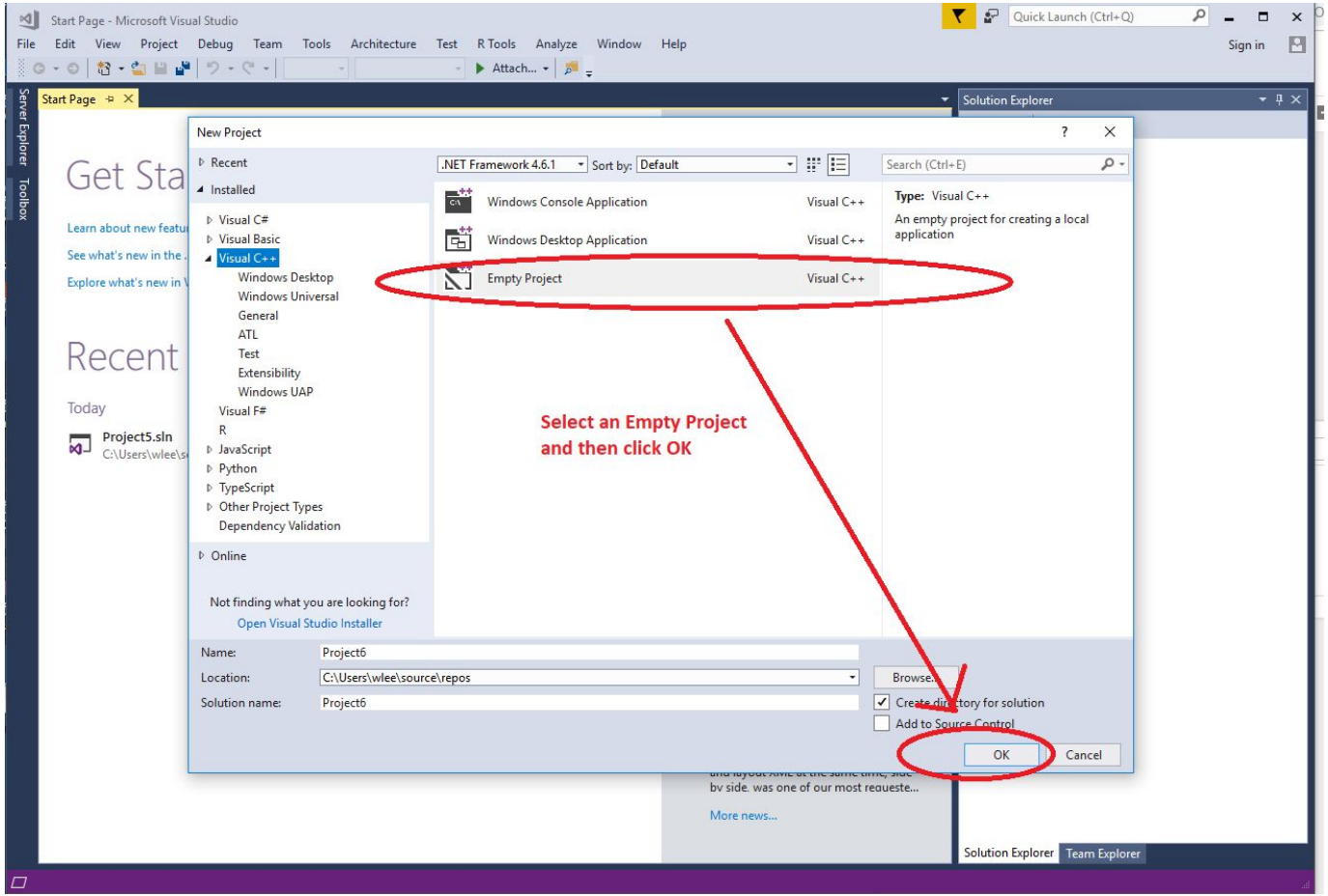
The ability to see the design view and layout XML at the same time, side by side, was one of our most requeste...
More news...
Solution Explorer
Solution Explorer Team Explorer
Ready


Start Page - Microsoft Visual Studio
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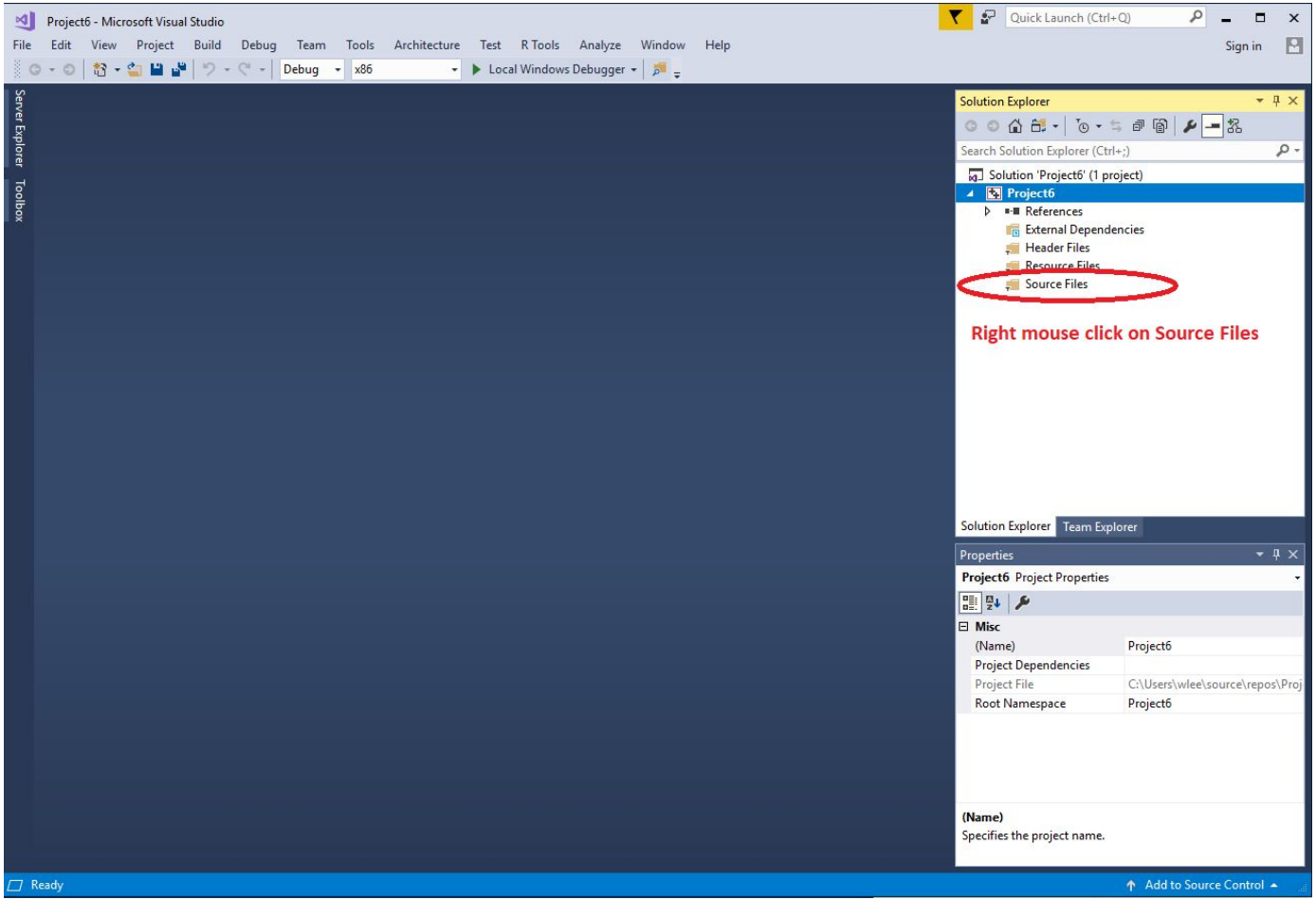
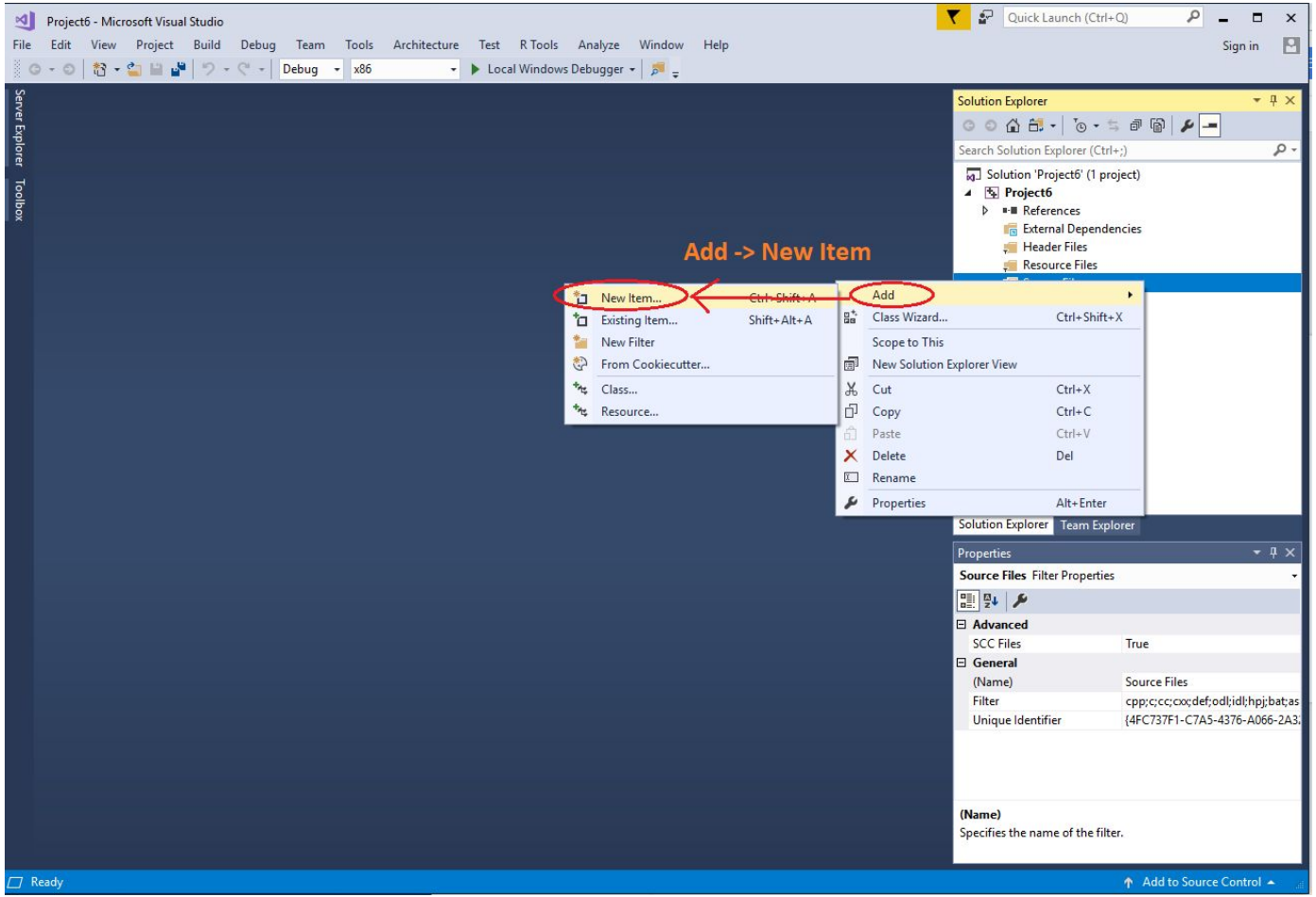
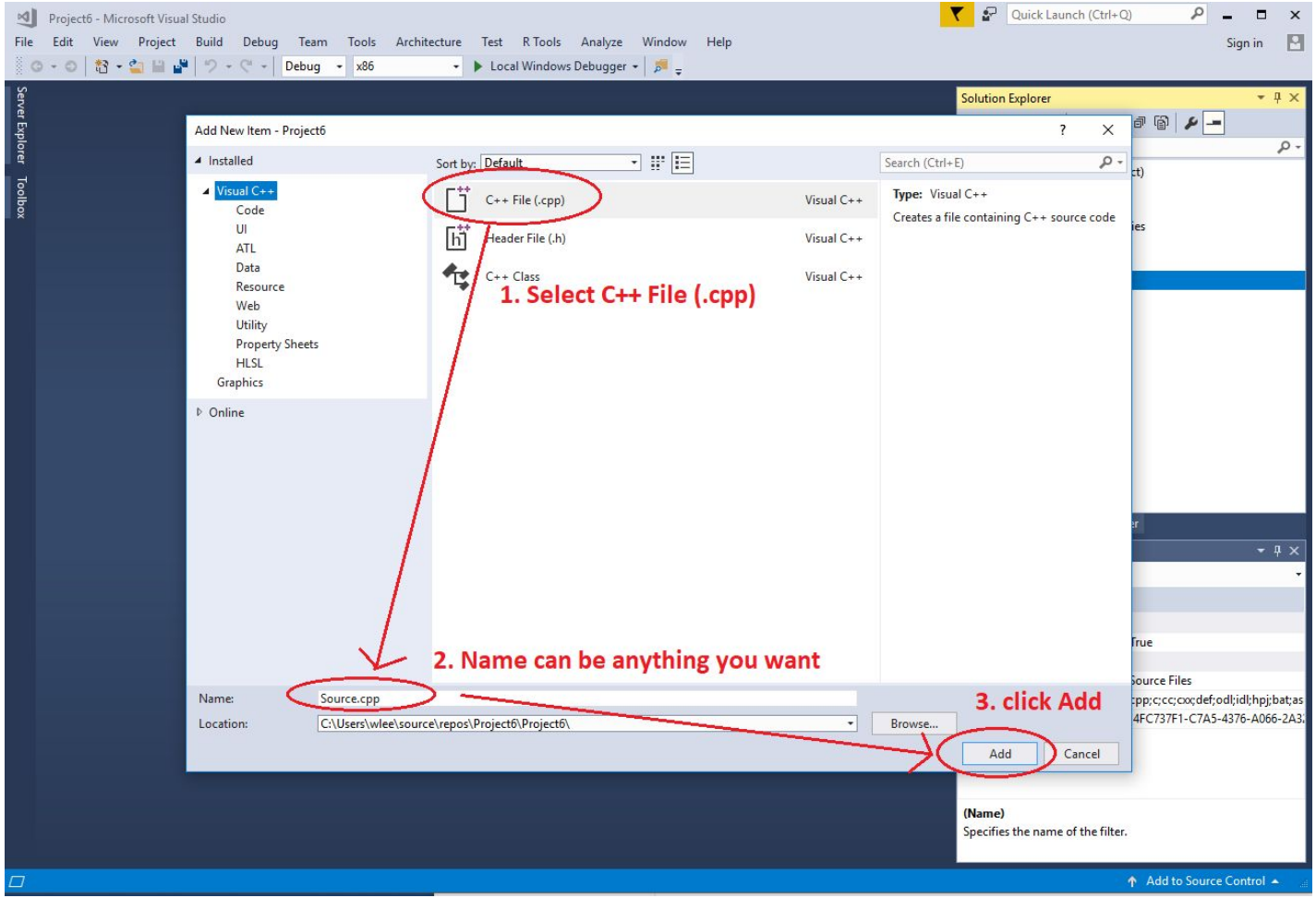
Quick Launch (Ctrl+Q)
Sign in
Attach...
Start Page
Server Explorer
Toolbox
Solution Explorer
Get Sta
Learn about new featu
See what's new in the .
Explore what's new in V
Recent
Today
Project5.sln
C:\Users\wlee\s
New Project
Recent
Installed
Visual C#
Visual Basic
Visual C++
Windows Desktop
Windows Universal
General
ATL
Test
Extensibility
Windows UAP
Visual F#
R
JavaScript
Python
TypeScript
Other Project Types
Dependency Validation
Online
Not finding what you are looking for?
Open Visual Studio Installer
.NET Framework 4.6.1
Sort by: Default
Search (Ctrl+E)
Windows Console Application Visual C++
Windows Desktop Application Visual C++
Empty Project Visual C++
Type: Visual C++
An empty project for creating a local application
Select an Empty Project and then click OK
Name: Project6
Location: C:\Users\wlee\source\repos
Solution name: Project6
Browse...
Create directory for solution
Add to Source Control
OK
Cancel
by side. was one of our most requeste...
More news...
Solution Explorer
Team Explorer


Project6 - Microsoft Visual Studio
File Edit View Project Build Debug Team Tools Architecture Test R Tools Analyze Window Help
Quick Launch (Ctrl+Q)
Sign in
Debug
x86
Local Windows Debugger
Server Explorer
Toolbox
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'Project6' (1 project)
Project6
References
External Dependencies
Header Files
Resource Files
Source Files
Right mouse click on Source Files
Solution Explorer
Team Explorer
Properties
Project6 Project Properties
Misc
(Name) Project6
Project Dependencies
Project File C:\Users\wlee\source\repos\Proj
Root Namespace Project6
(Name)
Specifies the project name.
Ready
Add to Source Control


Project6 - Microsoft Visual Studio
File Edit View Project Build Debug Team Tools Architecture Test R Tools Analyze Window Help
Quick Launch (Ctrl+Q)
Sign in
Debug
x86
Local Windows Debugger
Server Explorer
Toolbox
Add -> New Item
New Item... Ctrl+Shift+A
Existing Item... Shift+Alt+A
New Filter
From Cookiecutter...
Class...
Resource...
Add
Class Wizard... Ctrl+Shift+X
Scope to This
New Solution Explorer View
Cut Ctrl+X
Copy Ctrl+C
Paste Ctrl+V
Delete Del
Rename
Properties Alt+Enter
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'Project6' (1 project)
Project6
References
External Dependencies
Header Files
Resource Files
Solution Explorer
Team Explorer
Properties
Source Files Filter Properties
Advanced
SCC Files True
General
(Name) Source Files
Filter cpp;c;cc;cxx;def;odl;idl;hpj;bat;as
Unique Identifier {4FC737F1-C7A5-4376-A066-2A3
(Name)
Specifies the name of the filter.
Ready
Add to Source Control


Project6 - Microsoft Visual Studio
File Edit View Project Build Debug Team Tools Architecture Test R Tools Analyze Window Help
Quick Launch (Ctrl+Q)
Sign in
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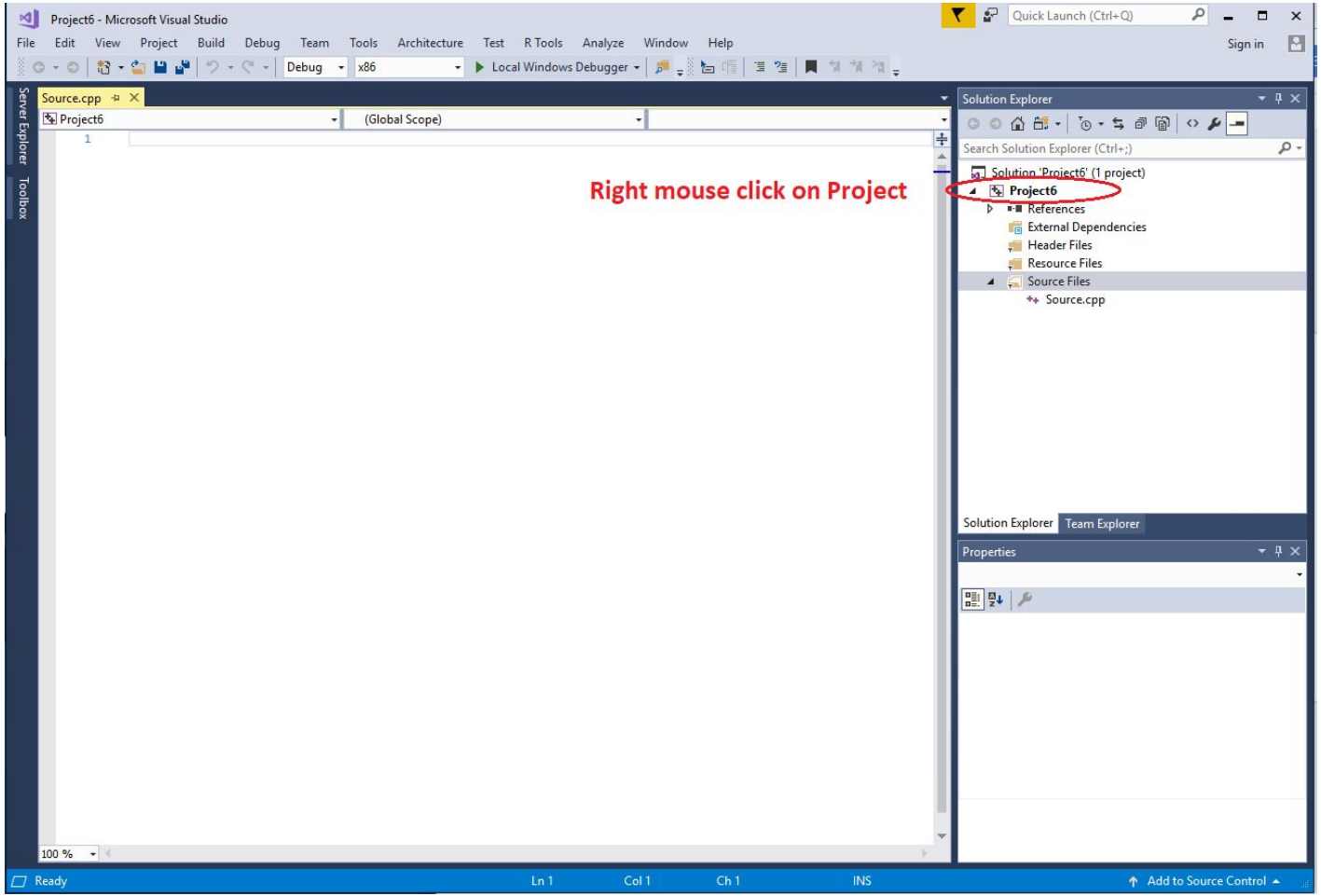
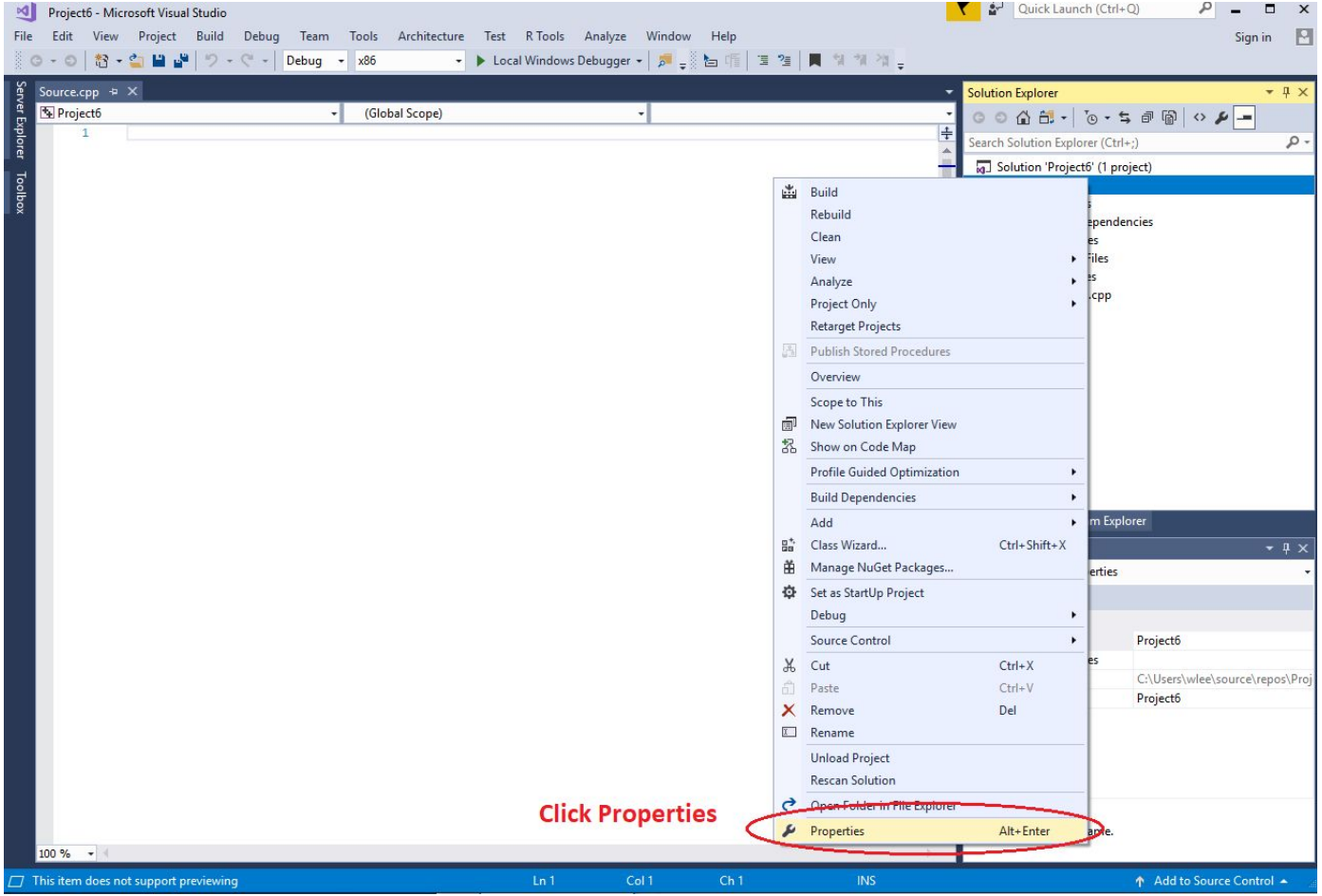
Solution Explorer
Add New Item - Project6
Installed
Visual C++
Code
UI
ATL
Data
Resource
Web
Utility
Property Sheets
HLSL
Graphics
Online
Sort by: Default
Search (Ctrl+E)
C++ File (.cpp)
Visual C++
Header File (.h)
Visual C++
C++ Class
Visual C++
Type: Visual C++
Creates a file containing C++ source code
1. Select C++ File (.cpp)
2. Name can be anything you want
Name: Source.cpp
Location: C:\Users\wlee\source\repos\Project6\Project6\
Browse...
3. click Add
Add
Cancel
(Name)
Specifies the name of the filter.
Add to Source Control


Project6 - Microsoft Visual Studio
File Edit View Project Build Debug Team Tools Architecture Test R Tools Analyze Window Help
Quick Launch (Ctrl+Q)
Sign in
Debug
x86
Local Windows Debugger
Server Explorer
Toolbox
Source.cpp
Project6
(Global Scope)
1
Right mouse click on Project
100 %
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'Project6' (1 project)
Project6
References
External Dependencies
Header Files
Resource Files
Source Files
Source.cpp
Solution Explorer
Team Explorer
Properties
Ready
Ln 1
Col 1
Ch 1
INS
Add to Source Control


Project6 - Microsoft Visual Studio
File Edit View Project Build Debug Team Tools Architecture Test R Tools Analyze Window Help
Quick Launch (Ctrl+Q)
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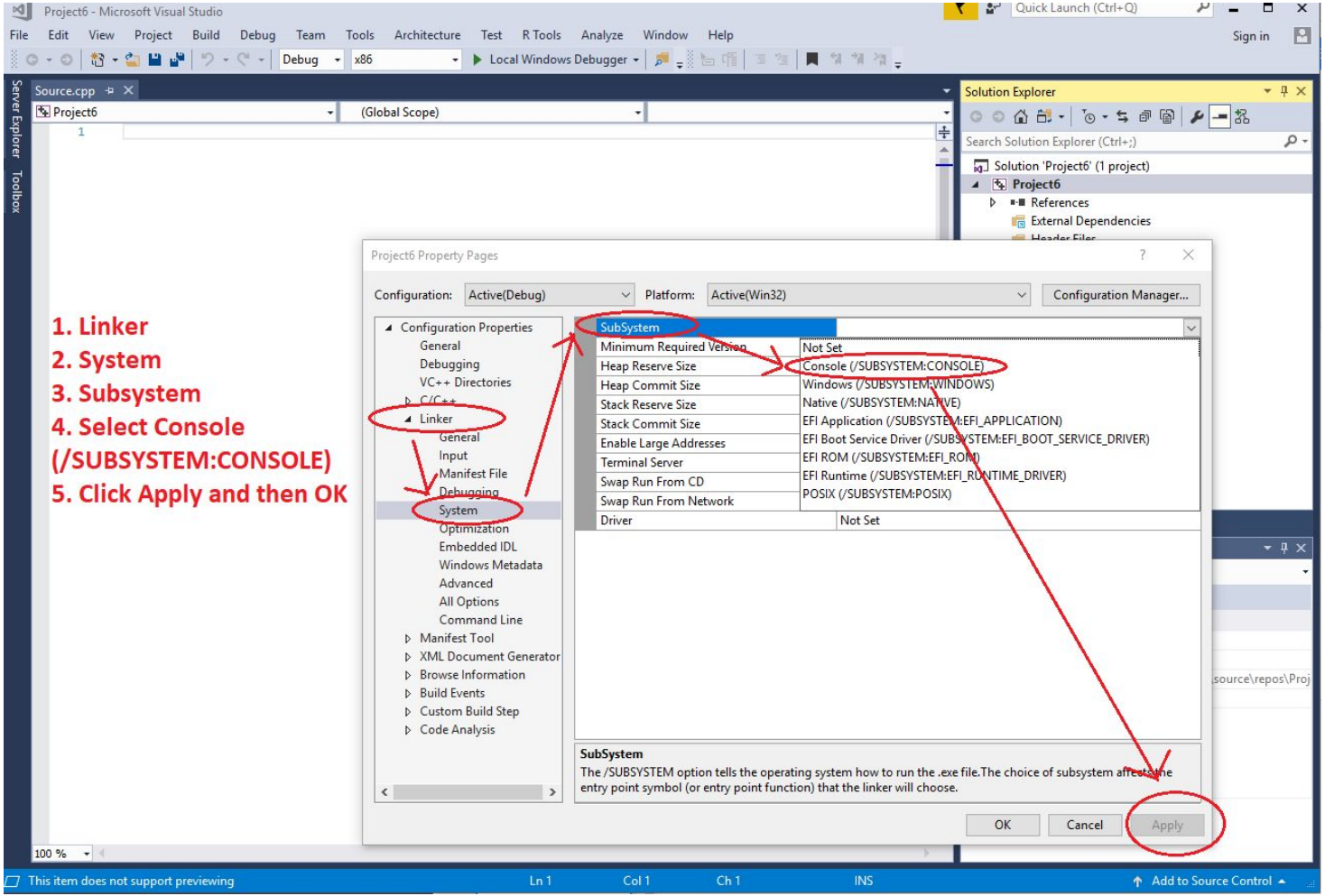
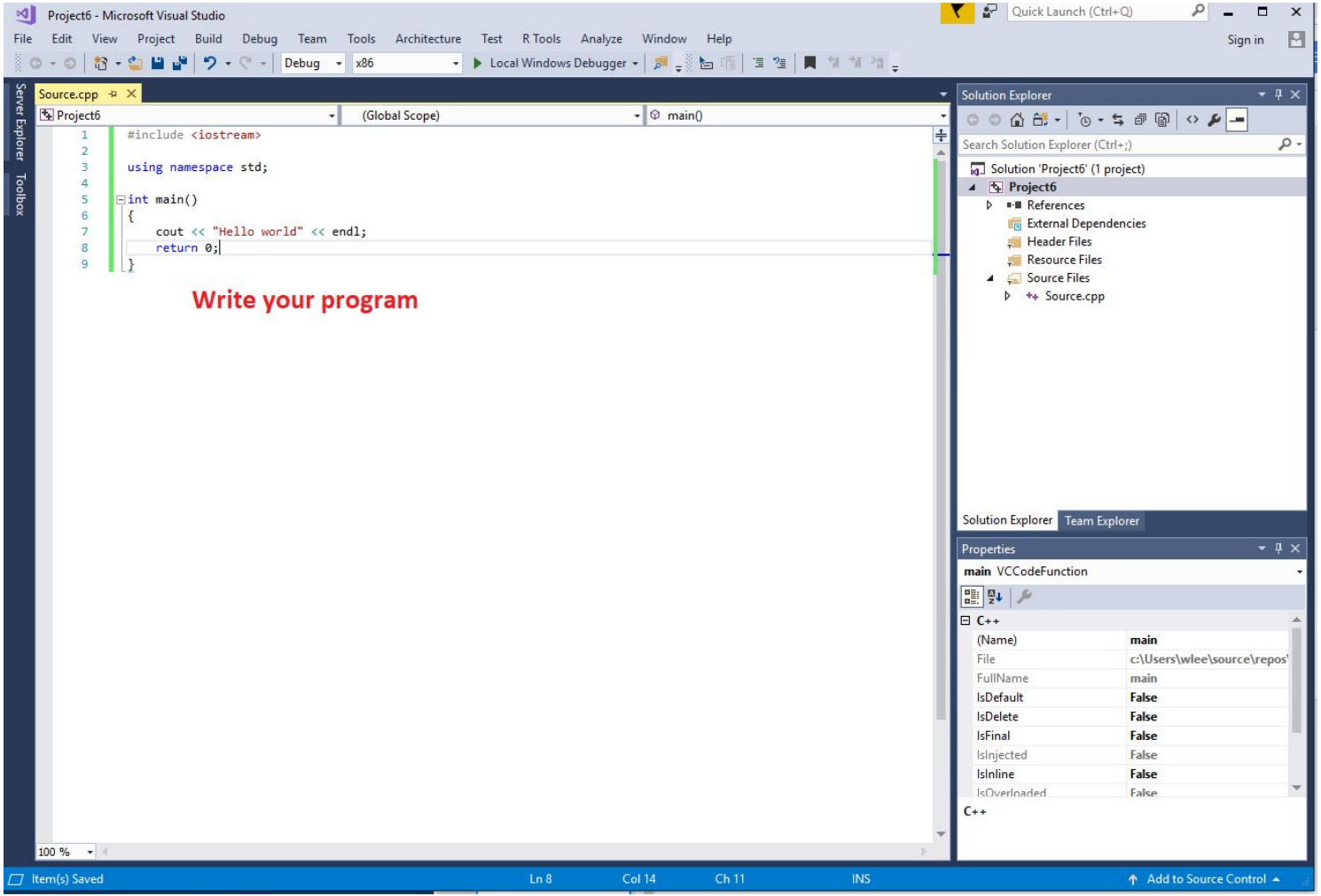
Source.cpp
Project6
(Global Scope)
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'Project6' (1 project)
Server Explorer
Toolbox
Build
Rebuild
Clean
View
Analyze
Project Only
Retarget Projects
Publish Stored Procedures
Overview
Scope to This
New Solution Explorer View
Show on Code Map
Profile Guided Optimization
Build Dependencies
Add
Class Wizard... Ctrl+Shift+X
Manage NuGet Packages...
Set as StartUp Project
Debug
Source Control
Cut Ctrl+X
Paste Ctrl+V
Remove Del
Rename
Unload Project
Rescan Solution
Open Folder in File Explorer
Properties Alt+Enter
Click Properties
100 %
This item does not support previewing
Ln 1
Col 1
Ch 1
INS
Add to Source Control


1. Linker
2. System
3. Subsystem
4. Select Console (/SUBSYSTEM:CONSOLE)
5. Click Apply and then OK
Project6 - Microsoft Visual Studio
Project6 Property Pages
Configuration: Active(Debug)
Platform: Active(Win32)
Configuration Manager...
Configuration Properties
General
Debugging
VC++ Directories
C/C++
Linker
General
Input
Manifest File
Debugging
System
Optimization
Embedded IDL
Windows Metadata
Advanced
All Options
Command Line
Manifest Tool
XML Document Generator
Browse Information
Build Events
Custom Build Step
Code Analysis
SubSystem
Minimum Required Version
Heap Reserve Size
Heap Commit Size
Stack Reserve Size
Stack Commit Size
Enable Large Addresses
Terminal Server
Swap Run From CD
Swap Run From Network
Driver
Not Set
Console (/SUBSYSTEM:CONSOLE)
Windows (/SUBSYSTEM:WINDOWS)
Native (/SUBSYSTEM:NATIVE)
EFI Application (/SUBSYSTEM:EFI_APPLICATION)
EFI Boot Service Driver (/SUBSYSTEM:EFI_BOOT_SERVICE_DRIVER)
EFI ROM (/SUBSYSTEM:EFI_ROM)
EFI Runtime (/SUBSYSTEM:EFI_RUNTIME_DRIVER)
POSIX (/SUBSYSTEM:POSIX)
SubSystem
The /SUBSYSTEM option tells the operating system how to run the .exe file.The choice of subsystem affects the entry point symbol (or entry point function) that the linker will choose.
OK
Cancel
Apply
Solution Explorer
Solution 'Project6' (1 project)
Project6
References
External Dependencies
Source.cpp
This item does not support previewing
Add to Source Control


Project6 - Microsoft Visual Studio
File Edit View Project Build Debug Team Tools Architecture Test R Tools Analyze Window Help
Quick Launch (Ctrl+Q)
Sign in
Debug
x86
Local Windows Debugger
Source.cpp
Project6
(Global Scope)
main()
#include <iostream>
using namespace std;
int main()
{
cout << "Hello world" << endl;
return 0;
}
Write your program
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'Project6' (1 project)
Project6
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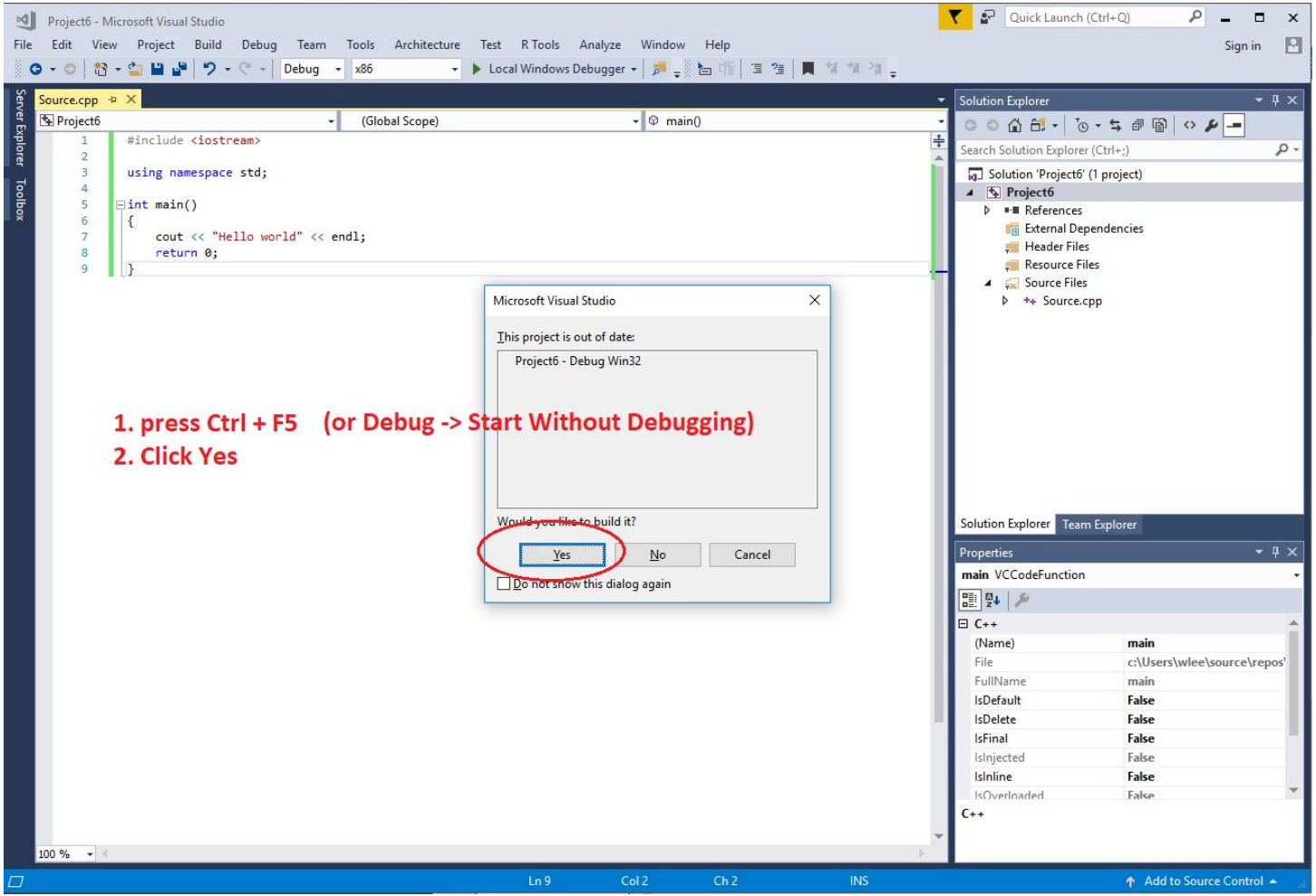
Source Files
Source.cpp
Solution Explorer
Team Explorer
Properties
main VCCodeFunction
C++
(Name) main
File c:\Users\wlee\source\repos'
FullName main
IsDefault False
IsDelete False
IsFinal False
IsInjected False
IsInline False
IsOverloaded False
C++
100 %
Item(s) Saved
Ln 8
Col 14
Ch 11
INS
Add to Source Control


Project6 - Microsoft Visual Studio
File Edit View Project Build Debug Team Tools Architecture Test R Tools Analyze Window Help
Sign in
Quick Launch (Ctrl+Q)
Debug
x86
Local Windows Debugger
Source.cpp
Project6
(Global Scope)
main()
#include <iostream>
using namespace std;
int main()
{
cout << "Hello world" << endl;
return 0;
}
Microsoft Visual Studio
This project is out of date:
Project6 - Debug Win32
Would you like to build it?
Yes
No
Cancel
Do not show this dialog again
1. press Ctrl + F5 (or Debug -> Start Without Debugging)
2. Click Yes
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'Project6' (1 project)
Project6
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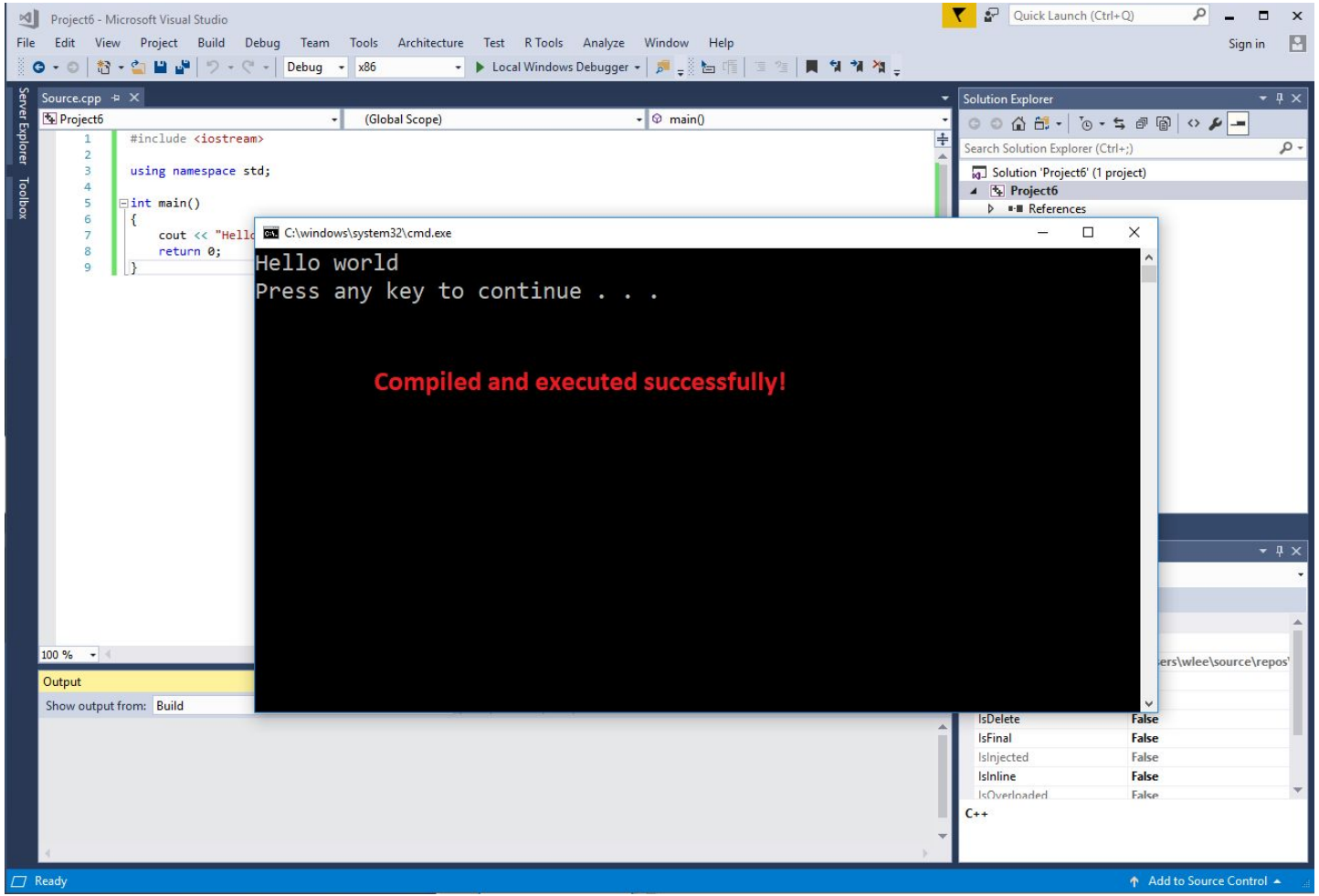
Source.cpp
Solution Explorer
Team Explorer
Properties
main VCCodeFunction
C++
(Name) main
File c:\Users\wlee\source\repos'
FullName main
IsDefault False
IsDelete False
IsFinal False
IsInjected False
IsInline False
IsOverloaded False
C++
100 %
Ln 9
Col 2
Ch 2
INS
Add to Source Control


Project6 - Microsoft Visual Studio
File Edit View Project Build Debug Team Tools Architecture Test R Tools Analyze Window Help
Sign in
Quick Launch (Ctrl+Q)
Debug
x86
Local Windows Debugger
Source.cpp
Project6
(Global Scope)
main()
#include <iostream>
using namespace std;
int main()
{
cout << "Hello
return 0;
}
C:\windows\system32\cmd.exe
Hello world
Press any key to continue . . .
Compiled and executed successfully!
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'Project6' (1 project)
Project6
References
Output
Show output from: Build
IsDelete False
IsFinal False
IsInjected False
IsInline False
C++
Ready
Add to Source Control

Please visit my office hours at PIC lab if you have any problem creating a new project.