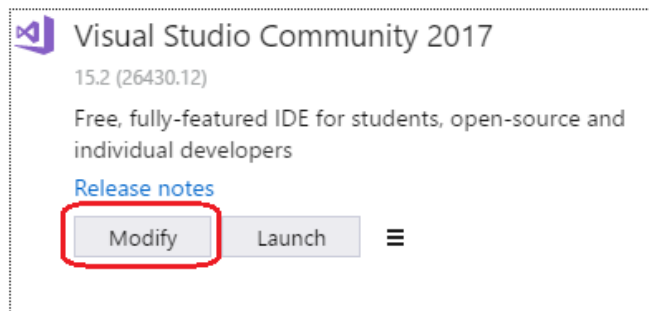


Create windows form application C++ visual studio 2017

1 , Make sure your Visual Studio 2017 have installed C++ package with C++/CLR:

Installed



Modifying — Visual Studio Community 2017 — 15.2 (26430.12)

Workloads Individual components Language packs

- ☐ Dependency Validation
- ☒ Developer Analytics tools
- ☒ DGML editor
- ☐ Git for Windows
- ☐ GitHub extension for Visual Studio
- ☐ Help Viewer
- ☐ LINQ to SQL tools
- ☒ NuGet package manager
- ☐ PowerShell tools
- ☐ PreEmptive Protection - Dotfuscator
- ☒ Static analysis tools
- ☒ Text Template Transformation

Compilers, build tools, and runtimes

- ☒ C# and Visual Basic Roslyn compilers
- ☒ C++/CLI support
- ☐ clang-cl (experimental)
- ☐ IncrediBuild
- ☒ MSBuild
- ☐ Python 2 32-bit (2.7.13)
- ☐ Python 2 64-bit (2.7.13)
- ☐ Python 3 32-bit (3.6.0)
- ☐ Python 3 64-bit (3.6.0)

Location
C:\Program Files (x86)\Microsoft Visual Studio\2017\Community

✗ Please close all instances of Microsoft Visual Studio 2017 before proceeding with this operation.

Install size: --- MB

Modify

Summary

- > Visual Studio core editor
- > .NET desktop development
- > Desktop development with C++
- > ASP.NET and web developm... *
- > Individual components
 - Included
 - ☒ .NET Framework 4.6.1 SDK
 - ☒ .NET Framework 4.6.1 targeting pack
 - ☒ C++/CLI support
 - ☒ Microsoft Visual Studio 2017 Installer Pr...

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Modifying — Visual Studio Community 2017 — 15.2 (26430.12)

Workloads Individual components Language packs

Windows (3)

- ☐ Universal Windows Platform development
Create applications for the Universal Windows Platform with C#, VB, JavaScript, or optionally C++.
- ☒ Desktop development with C++
Build classic Windows-based applications using the power of the Visual C++ toolset, ATL, and optional features like MFC and...

Web & Cloud (7)

- ☒ ASP.NET and web development
Build web applications using ASP.NET, ASP.NET Core, HTML, JavaScript, and CSS.
- ☐ Python development
Editing, debugging, interactive development and source control for Python.
- ☐ Data storage and processing

- ☒ .NET desktop development
Build WPF, Windows Forms and console applications using the .NET Framework.

- ☐ Azure development
Azure SDK, tools, and projects for developing cloud apps and creating resources.

- ☐ Node.js development
Build scalable network applications using Node.js, an asynchronous event-driven JavaScript runtime.

- ☐ Data science and analytical applications

Location
C:\Program Files (x86)\Microsoft Visual Studio\2017\Community

Install size: 0 KB

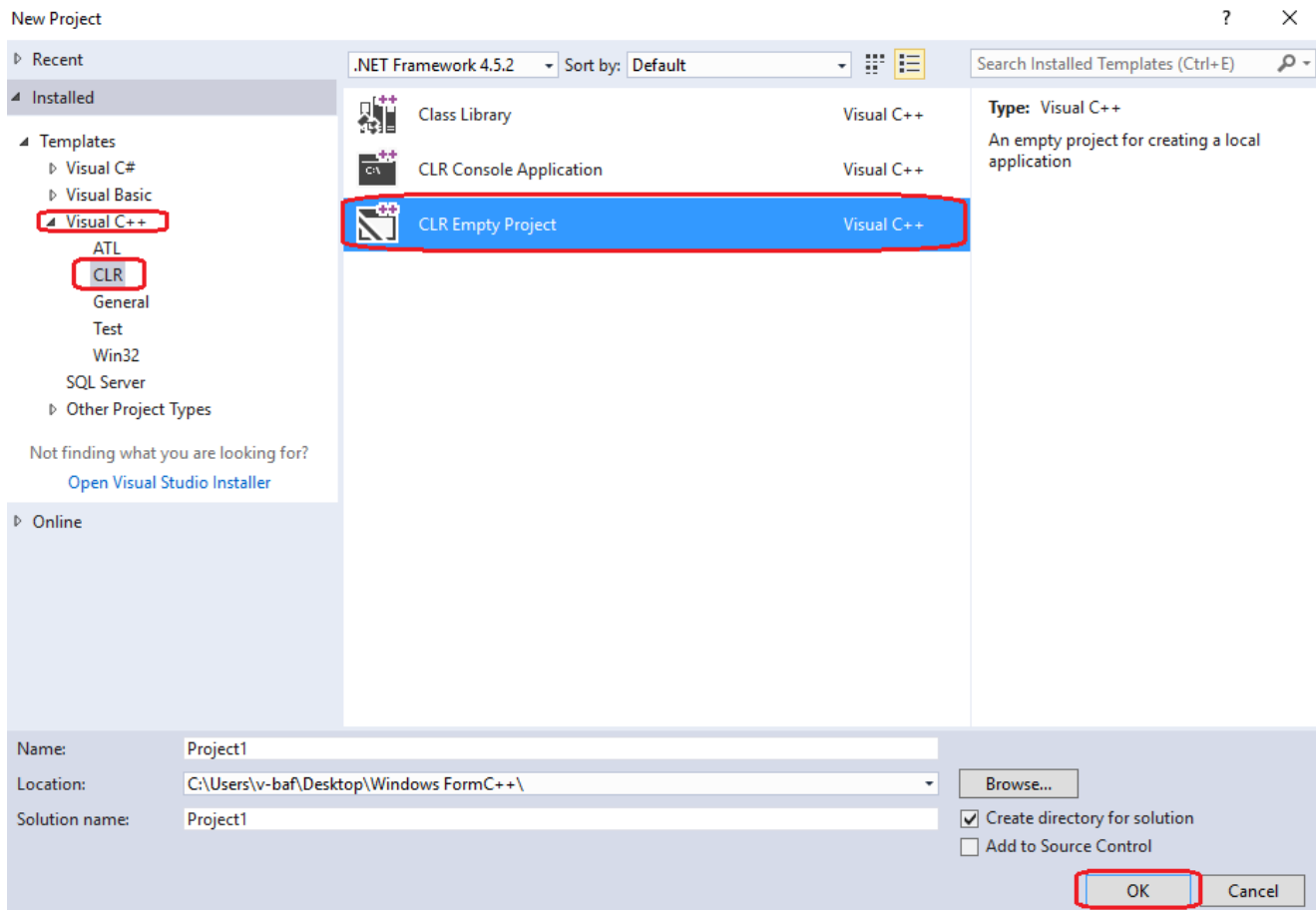
Modify

Summary

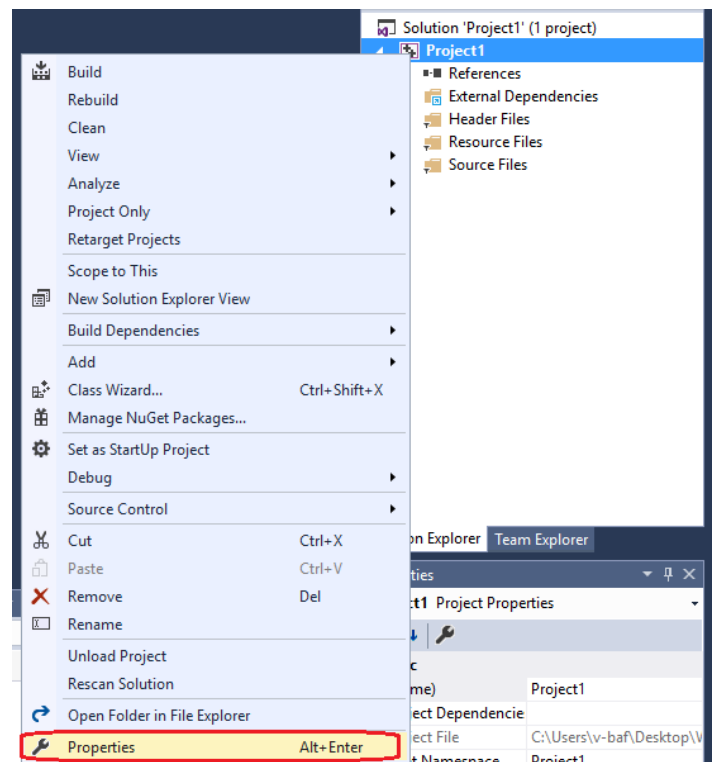
- > Visual Studio core editor
- > .NET desktop development
- > Desktop development with C++
- > ASP.NET and web developm... *
- > Individual components
 - Included
 - ☒ .NET Framework 4.6.1 SDK
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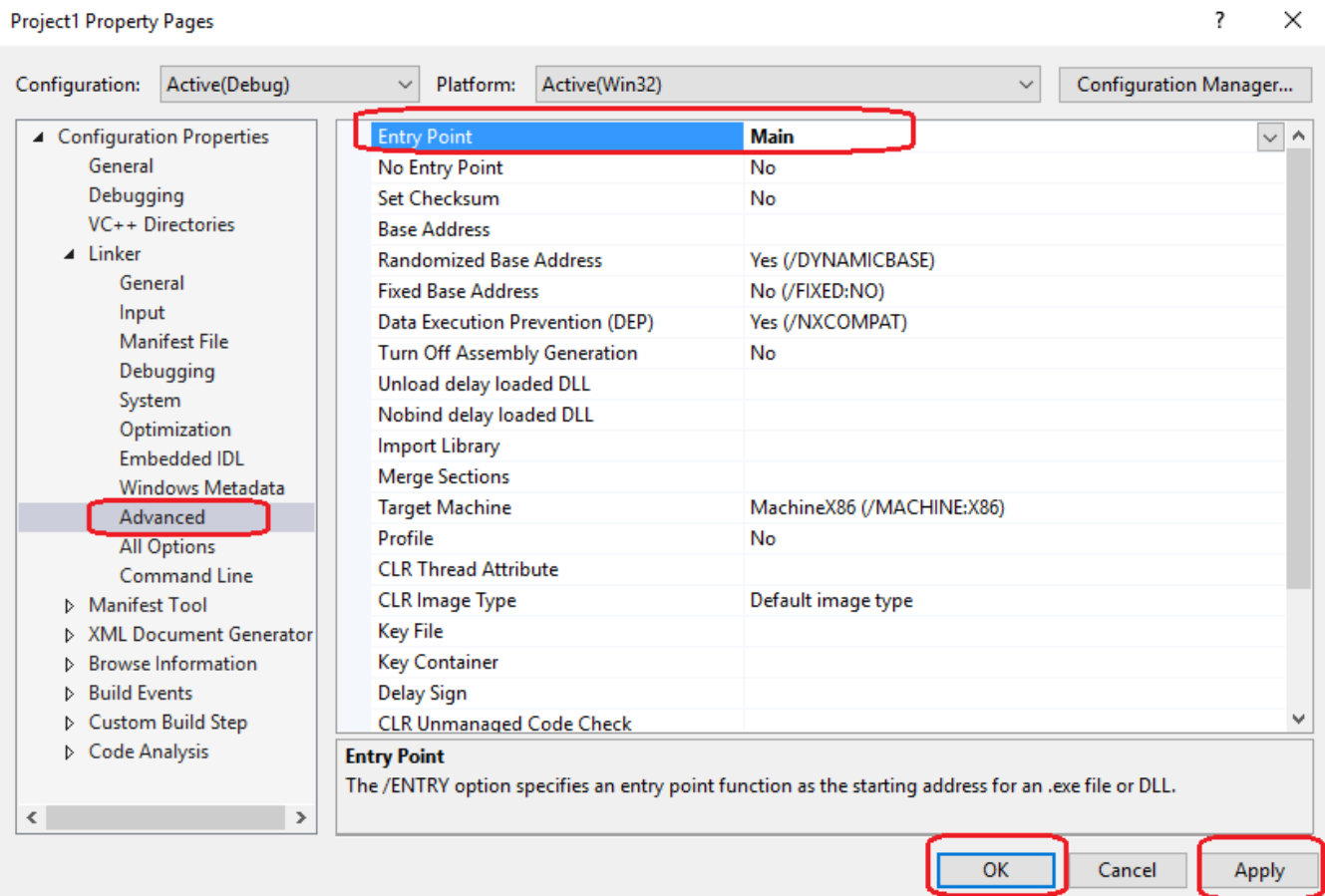
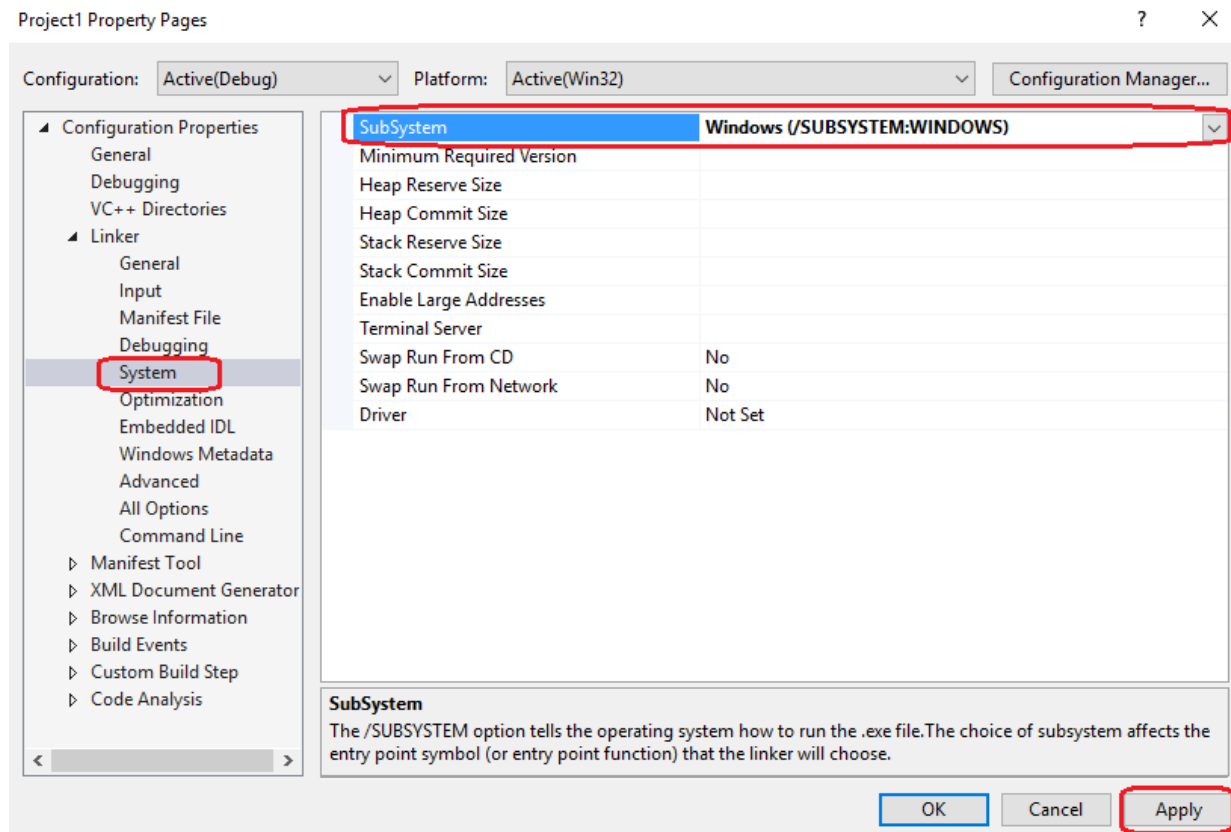
2, If you have installed all the package and components, then open Visual Studio 2017 and create a new project:



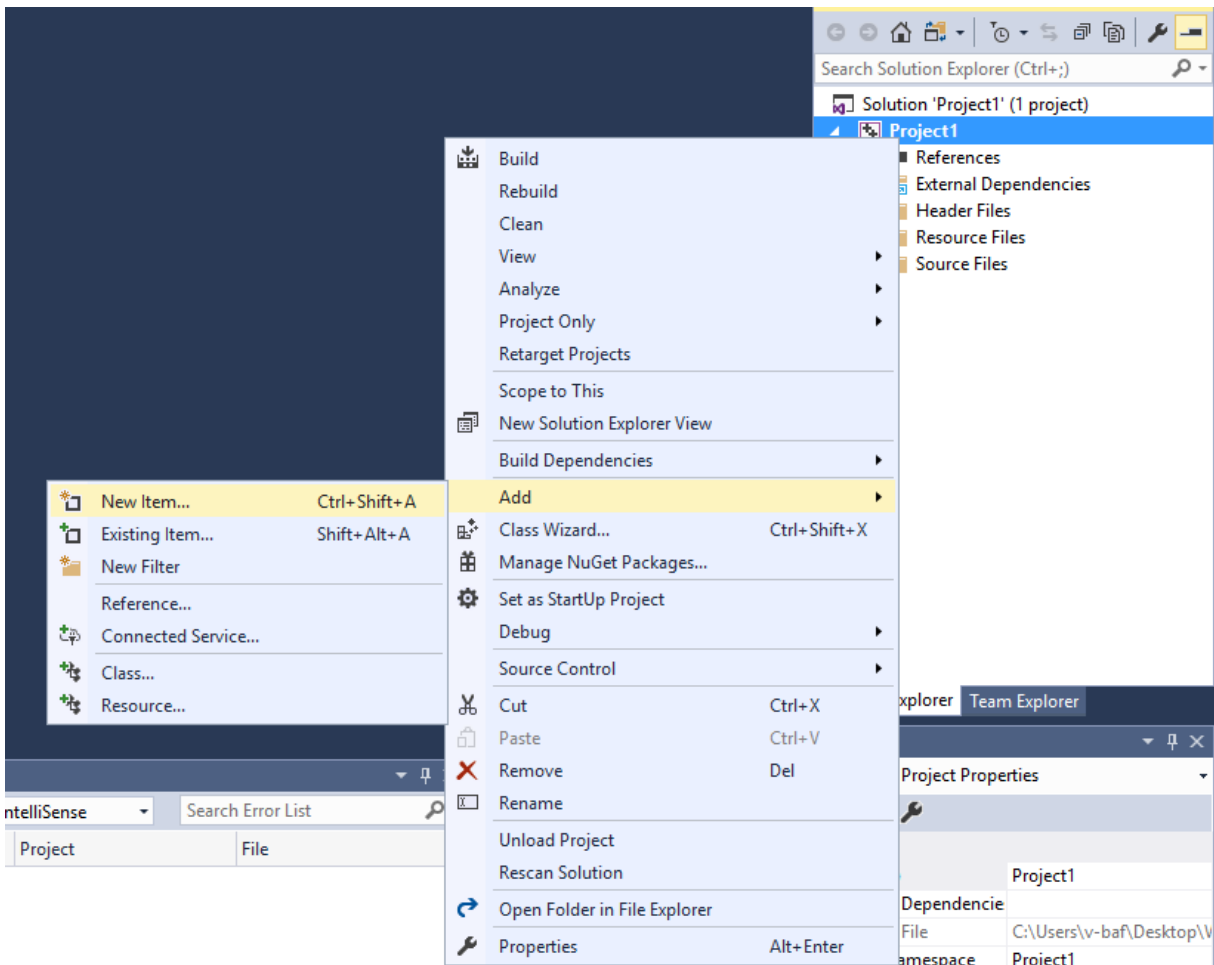
Right click on the Project1 and choose Properties option:



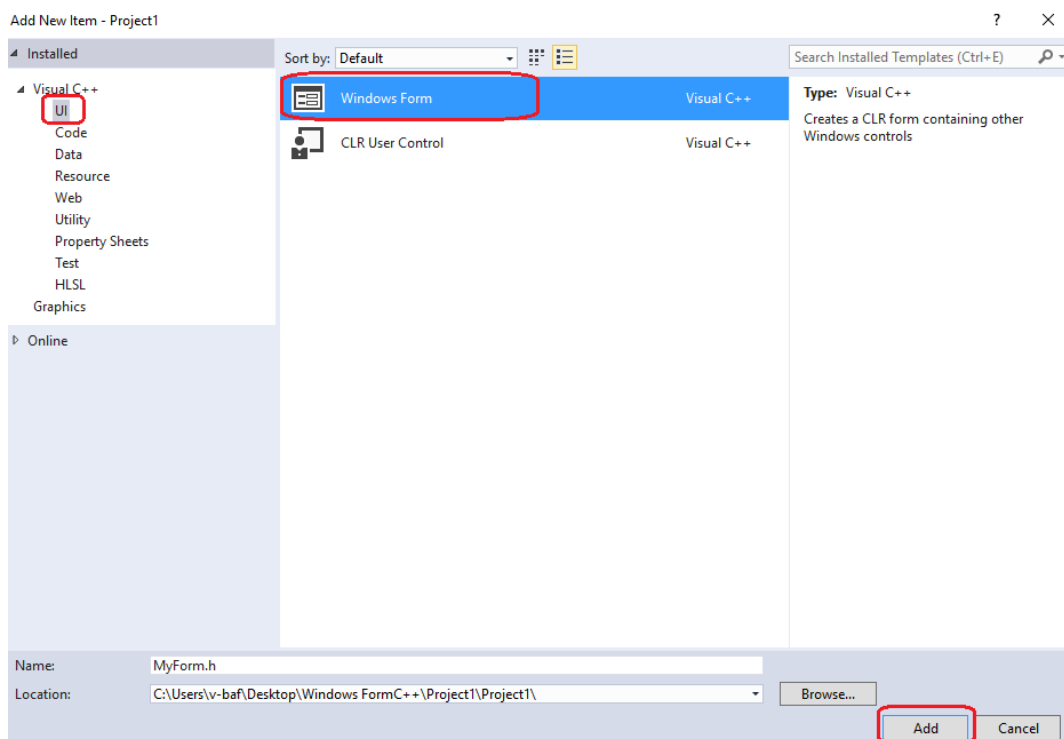
Then:



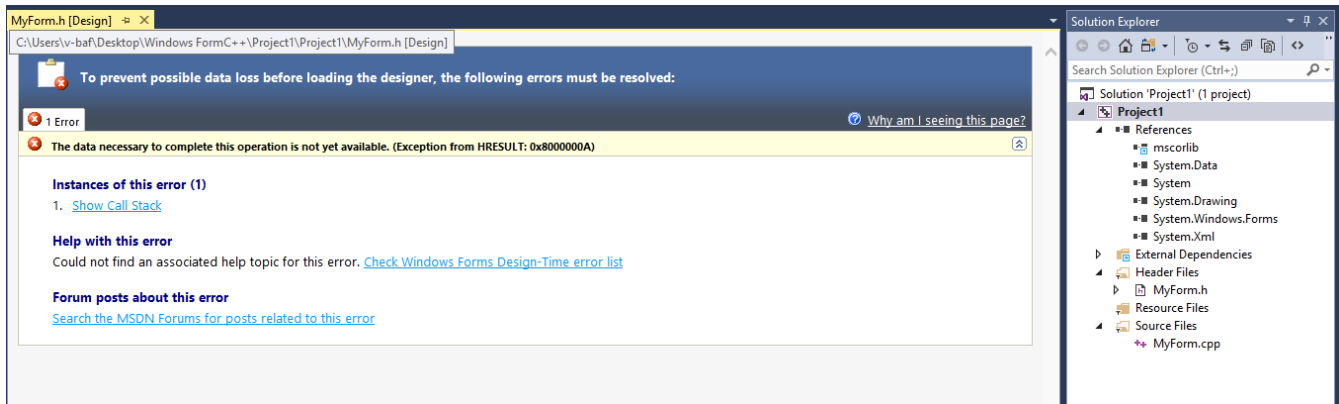
3, Add a new item:



Choose the Windows Form:



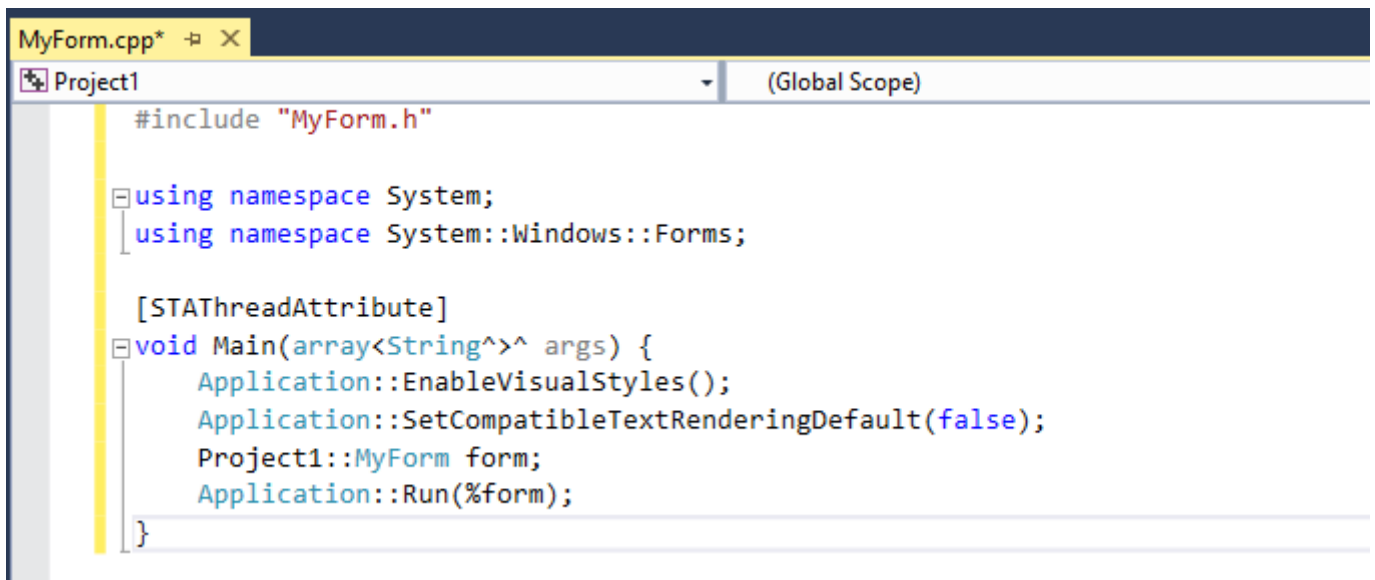
And now you will say the below error:



Don't worry, close it and add the following code to the MyForm.cpp:

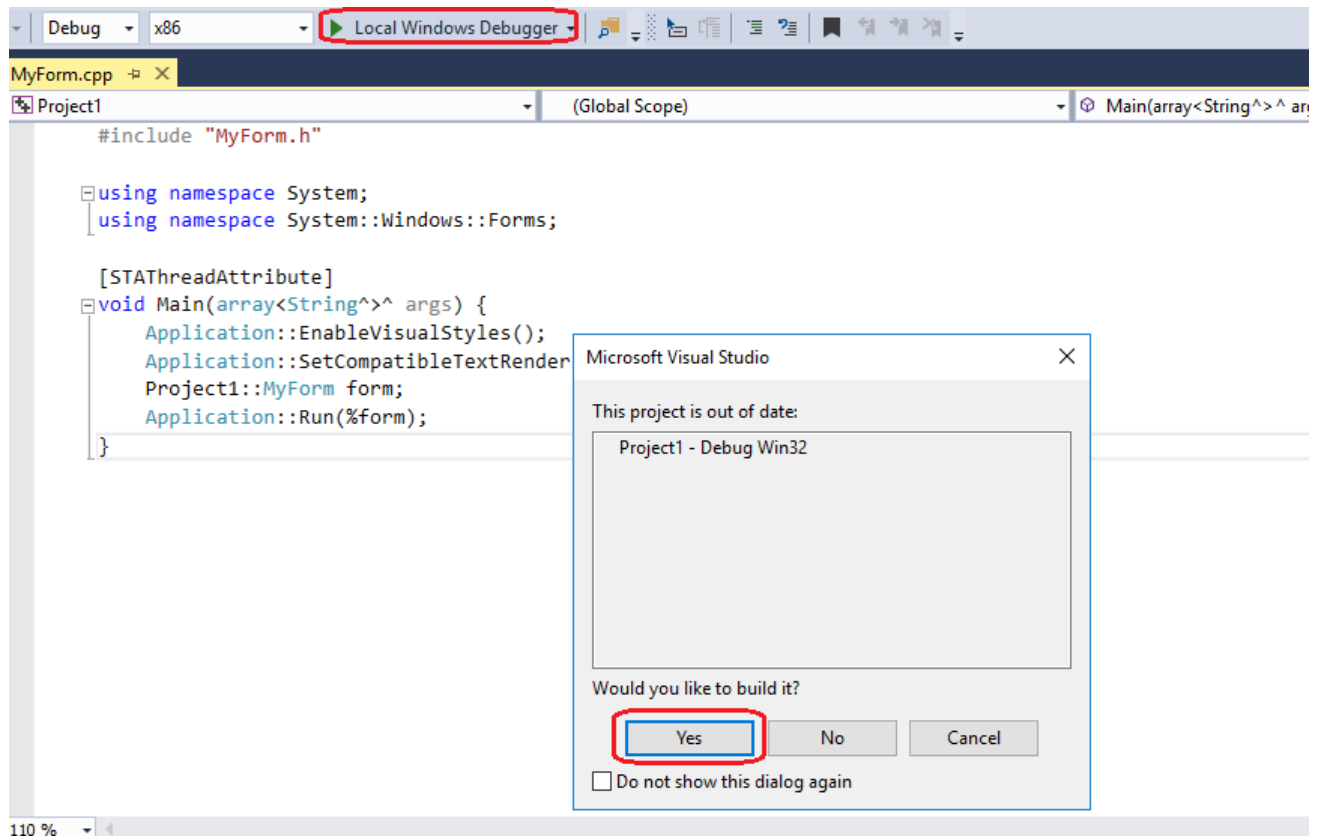
```
using namespace System;
using namespace System::Windows::Forms;

[STAThreadAttribute]
void Main(array<String^>^ args) {
    Application::EnableVisualStyles();
    Application::SetCompatibleTextRenderingDefault(false);
    Project1::MyForm form;
    Application::Run(%form);
}
```

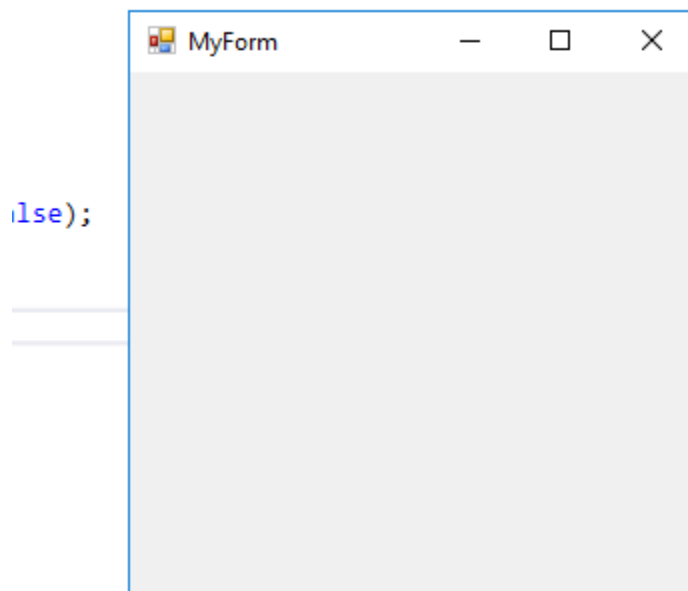


Then save it and close the Visual Studio 2017, then reopen your Project1.

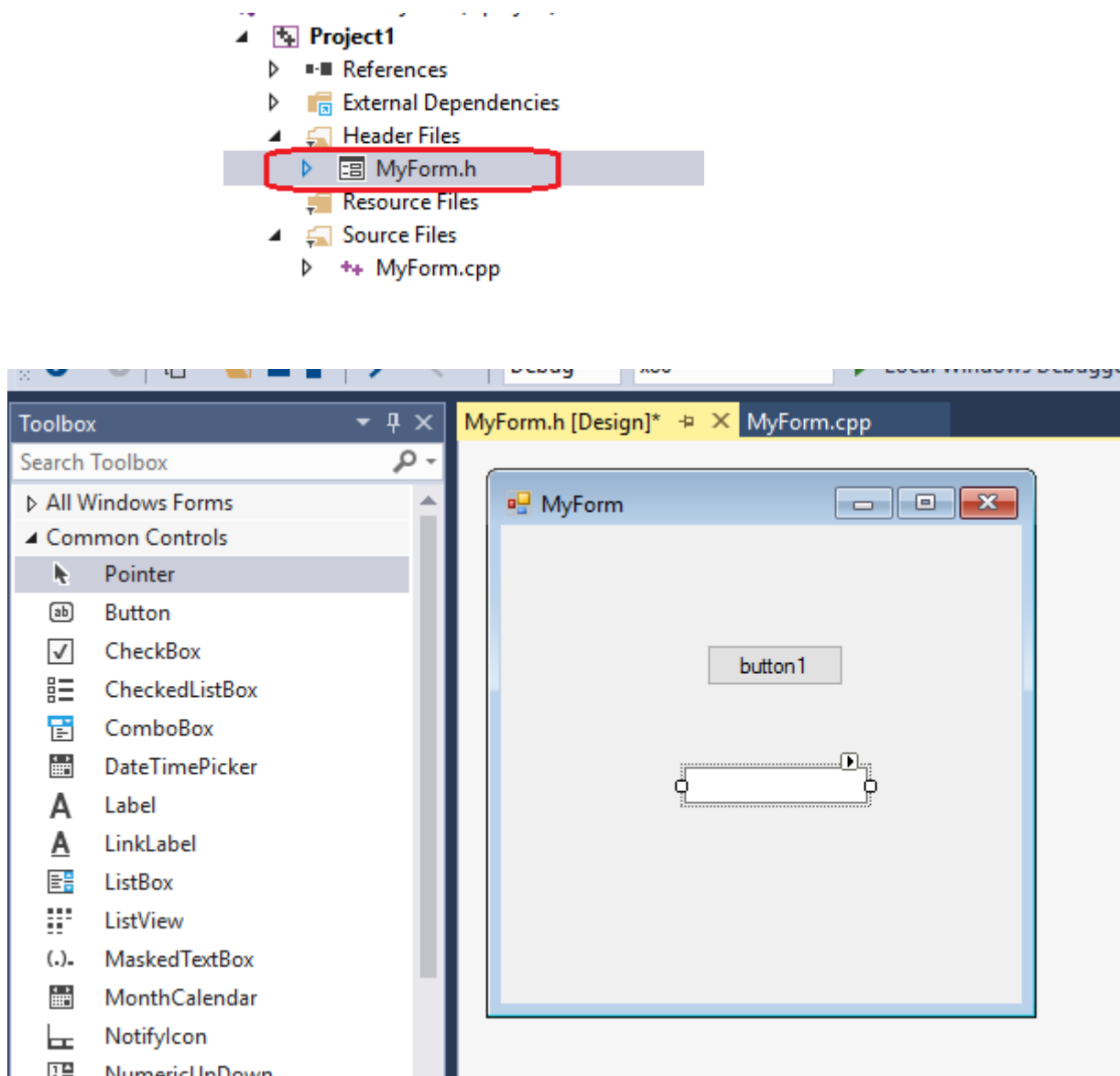
4, When you reopen your Project1, then debug it first:



And the display:



5, Now you can do your options in the form by double click MyForm.h:



That's all, hope this helps!

Best Regards,
Stanly

MSDN Community Support