

Visual Studio Project Setup Guide

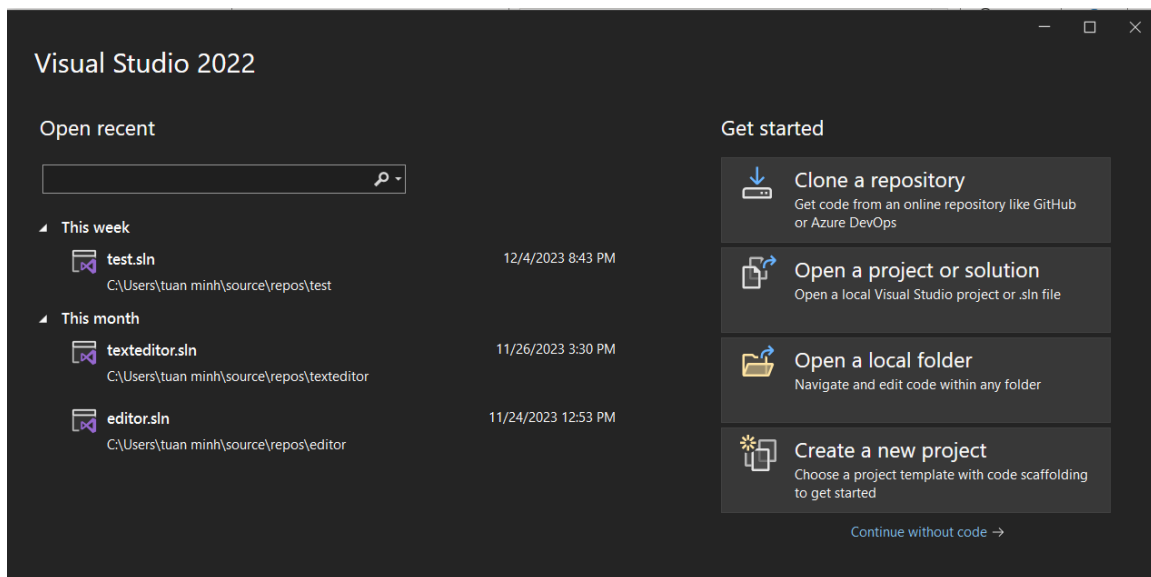
This comprehensive guide will walk you through the process of setting up Visual Studio (VS) for **Text Editor** project in Visual Studio.

I. Download Visual Studio

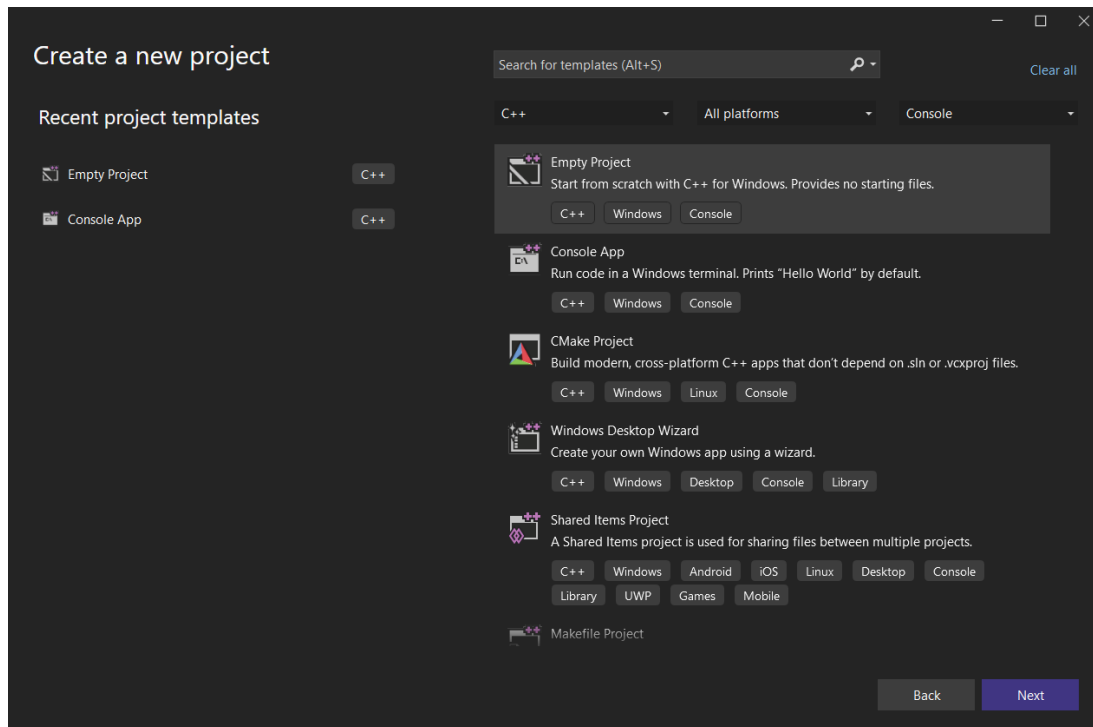
The detail download and configuration instruction for VS with C++ is provided through this link:
<https://www.youtube.com/watch?v=HS4c3kBEWr4&t=93s>

II. Create a project in Visual Studio

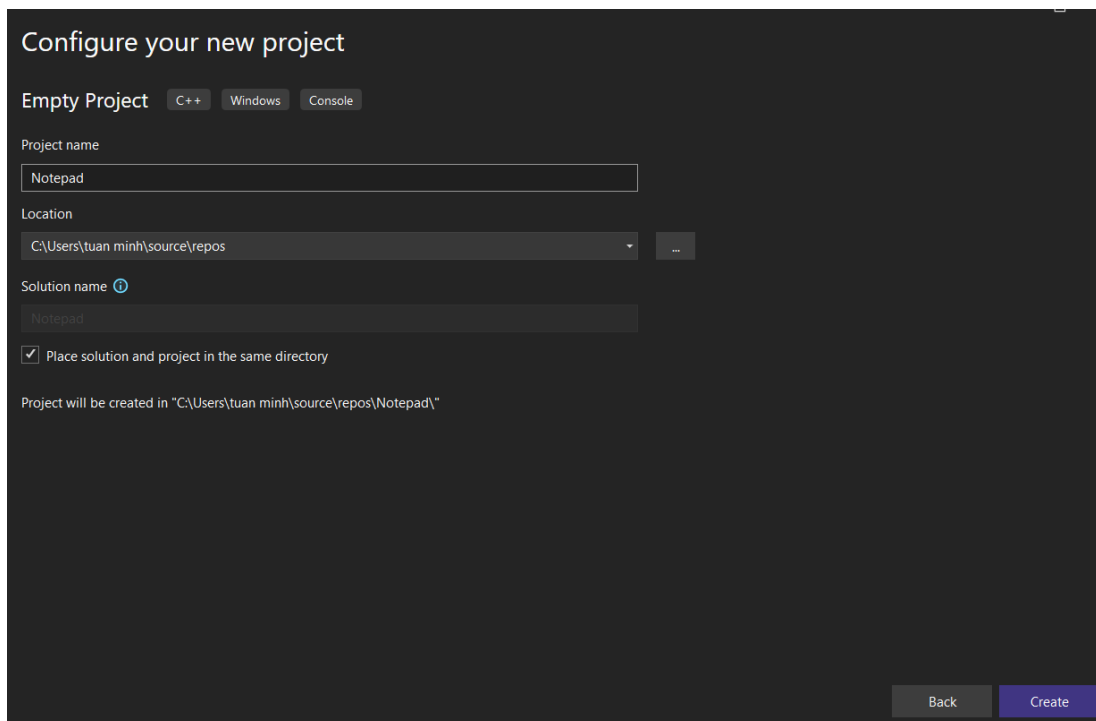
Upon opening VS, click **Create a new project**:



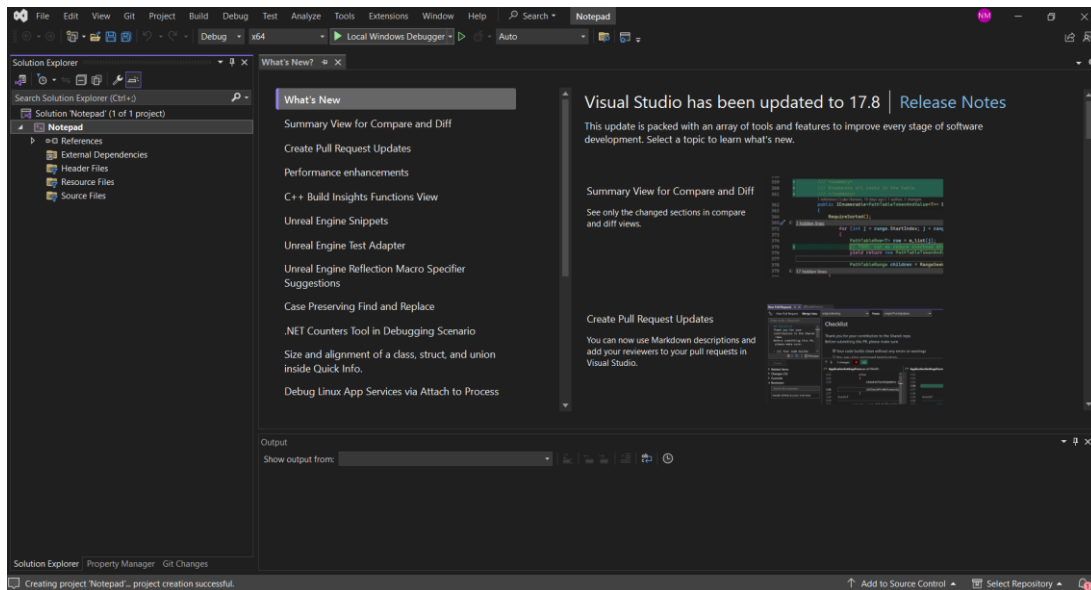
Choose **Empty Project** on the right, **C++**, **All platforms**, **Console**, then click **Next**:



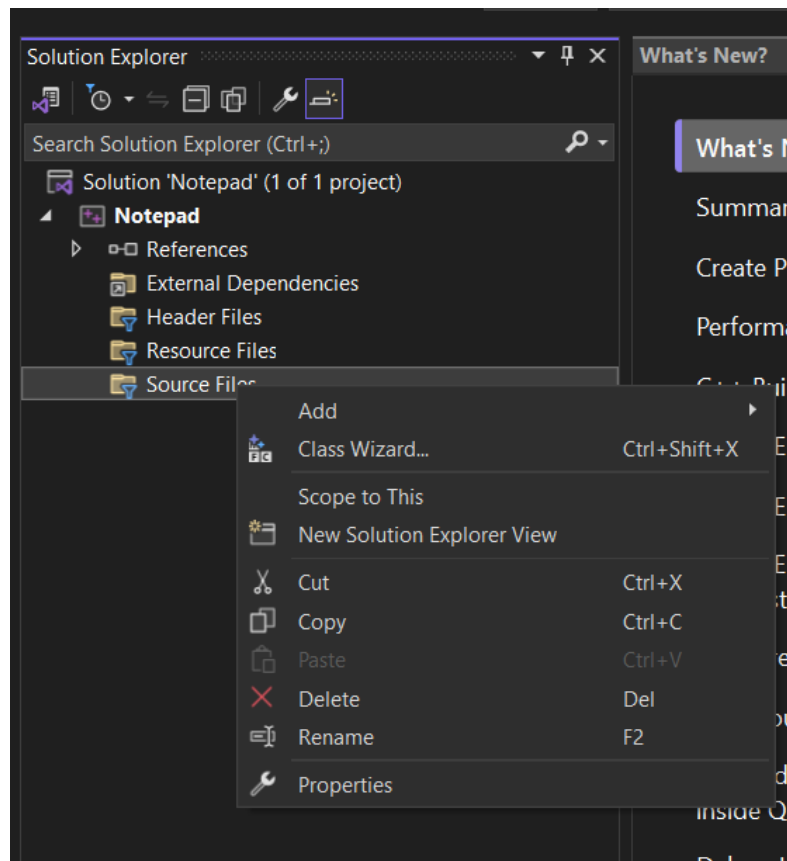
Name your project, change the project directory to your content, then click **Next**:



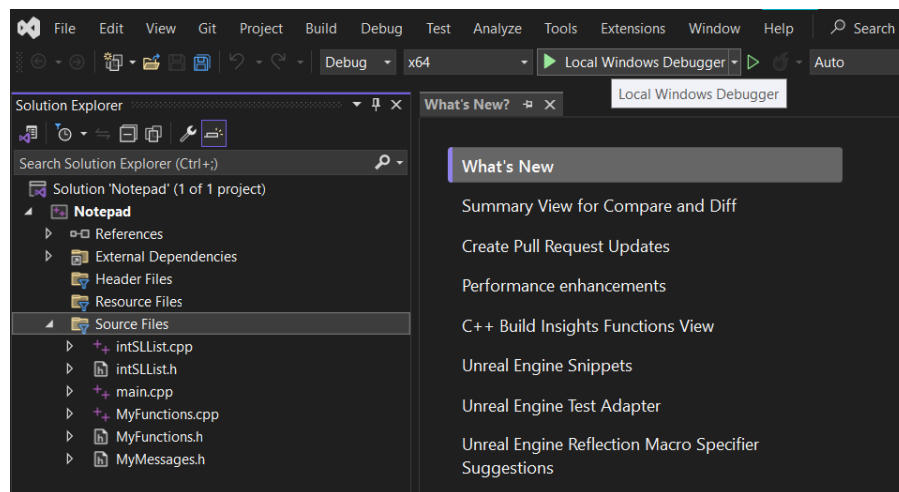
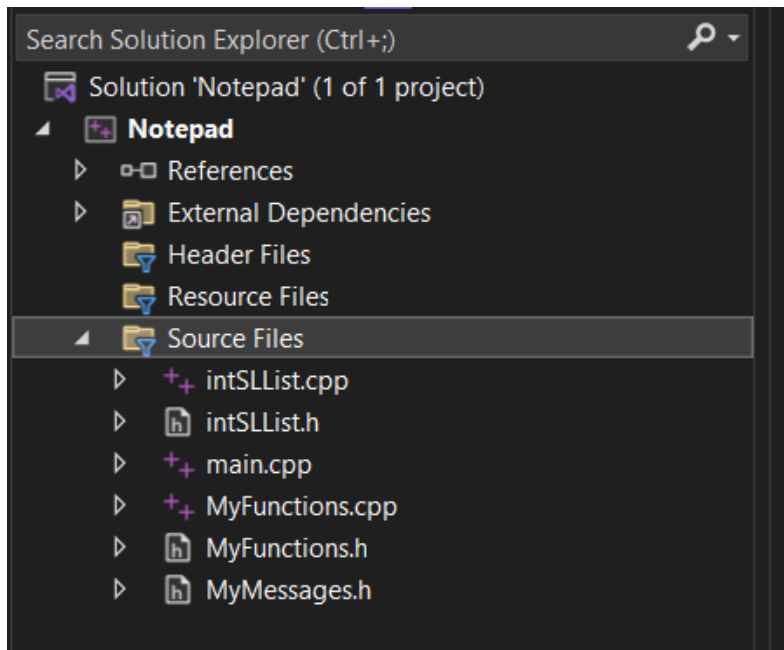
After finishing the project, this is the screen of the project solution:



Now extract the source code files, and add them to this project. Right click the **Source Files**, to **Add** project files:



Add the necessary files in this sequence, then choose **Local Window Debugger**:



The output terminal will display this user interface for the **Text Editor Project**:



One final step, we need to place the text file that we want to edit in the same directory as the project directory:

source > repos > Notepad				
Name	Date modified	Type	Size	
Source Code	12/8/2023 9:44 AM	File folder		
x64	12/8/2023 9:41 AM	File folder		
Notepad.sln	12/8/2023 9:33 AM	Visual Studio Solut...	2 KB	
Notepad.vcxproj	12/8/2023 9:40 AM	VC++ Project	7 KB	
Notepad.vcxproj.filters	12/8/2023 9:40 AM	VC++ Project Filte...	2 KB	
Notepad.vcxproj.user	12/8/2023 9:33 AM	Per-User Project O...	1 KB	
text	11/27/2023 6:03 PM	Text Document	5 KB	

After this step, when we type the command **open text.txt**, the output terminal shall display the content of the first page (lines 1 - 10) of the **text.txt** file. This should mean that we have finished setting up the Visual Studio Project for the **Text Editor**.

```
C:\Users\tuan minh\source\repos\Notepad\x64\Debug\Notepad.exe
Happy editing!

To begin, open a Text File (ex : open Filename.txt)
open text.txt

No Such File Found. Please Enter A Valid File Name!!!
User Needs To Enter A Valid 'Open File' Command, Example : open filename.txt

To begin, open a Text File (ex : open Filename.txt)
open text.txt

1 - This is the line 1
2 - This is the line 2
3 - This is the line 3
4 - This is the line 4
5 - This is the line 5
6 - This is the line 6
7 - This is the line 7
8 - This is the line 8
9 - This is the line 9
10 - This is the line 10

Current Page Number : 1 of 20 --> ( 200 lines )
Unable to retrieve time information. Error: 6

Enter Your Command (to get command list, type help) :
```