- This is a quick guide to learn how to create a project using **Visual Studio**
 - Note that instructions might be slightly different depending on which version you are using (community, professional, etc.)

HOW TO CREATE A
PROJECT USING
VISUAL STUDIO

HOW TO CREATE A PROJECT (I)

Visual Studio 2019

Open recent

Project1.sln 8/22/2019 11:55 AM

C:\Users\germs\Desktop\Project1

Project1.sln 8/22/2019 11:48 AM

C:\..._CS_A250_TODAY_NEXT_WEEK_01_Day_2\00_Review_2\review_2\project

Project1.sln 8/22/2019 10:41 AM C:\..._CS_A250_TODAY_NEXT_WEEK_Day_2\00_Review_2\review_2\review_2_project

Project1.sln 8/22/2019 10:36 AM C:\..._NEXT_WEEK_Day_2\Lab_02_Classes\lab_02_movie_class_solution

Project1.sln 8/21/2019 5:06 PM
C:\..._CS_A250_TODAY_Day_2\Lab_01_Arrays\lab_01_array_insertion_solution

Project1.sln 8/21/2019 4:52 PM C:\...\A250_F19_CS_A250_TODAY_Day_2\Lab_01_Arrays\lab_01_array_insertion

Project1.sln 8/20/2019 10:41 AM C:\...\original_files_to_fix\Lab_01_Array_Insertion\lab_01_array_insertion_sol

Project1.sln 8/20/2019 10:34 AM CA...\Lab_01_Array_Insertion\lab_01_array_insertion_solution

Get started



Clone or check out code

Get code from an online repository like GitHub



Open a project or solution

Open a local Visual Studio project or .sln file



Open a local folder

Navigate and edit code within any folder



Create a new project

Choose a project template with code scaffolding to get started

Continue without code →

Open Microsoft Visual Studio.

HOW TO CREATE A PROJECT (2)

Visual Studio 2019

Open recent

Project1.sln 8/22/2019 11:55 AM

C:\Users\gems\Desktop\Project1

Project1.sln 8/22/2019 11:48 AM

C:\..._CS_A250_TODAY_NEXT_WEEK_01_Day_2\00_Review_2\review_2\project

Project1.sln 8/22/2019 10:36 AM C:\..._NEXT_WEEK_Day_2\Lab_02_Classes\lab_02_movie_class_solution

Project1.sln 8/21/2019 5:06 PM
C:\..._CS_A250_TODAY_Day_2\Lab_01_Arrays\lab_01_array_insertion_solution

Project1.sln 8/21/2019 4:52 PM C:\...\A250_F19_CS_A250_TODAY_Day_2\Lab_01_Arrays\lab_01_array_insertion

Project1.sln 8/20/2019 10:41 AM C:\...\original_files_to_fix\Lab_01_Array_Insertion\lab_01_array_insertion_sol

Project1.sln 8/20/2019 10:34 AM C:\...\Lab_01_Array_Insertion\lab_01_array_insertion_solution

Get started

Clone or check out code

Get code from an online repository like GitHub

Open a project or solution

Open a local Visual Studio project or .sln file

Open a local folder

Navigate and edit code within any folder

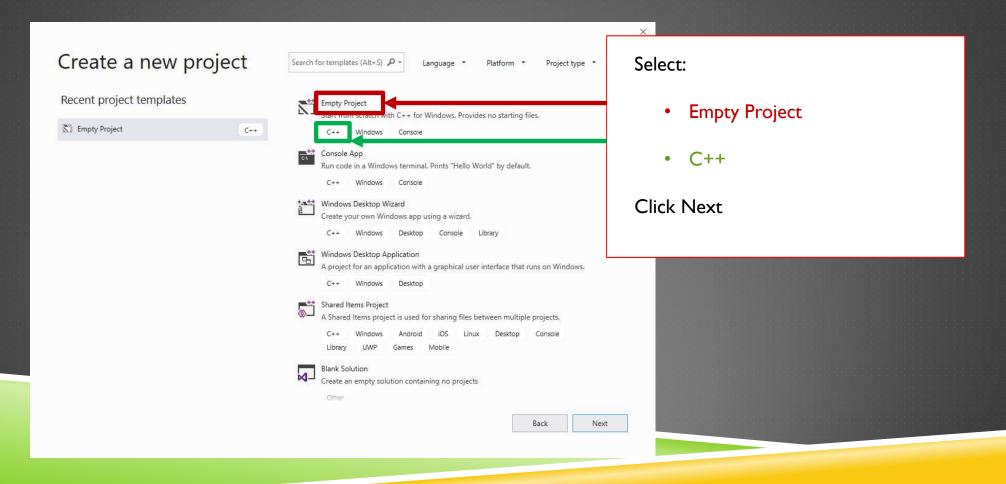
Create a new project

Choose a project template with code scaffolding to get started

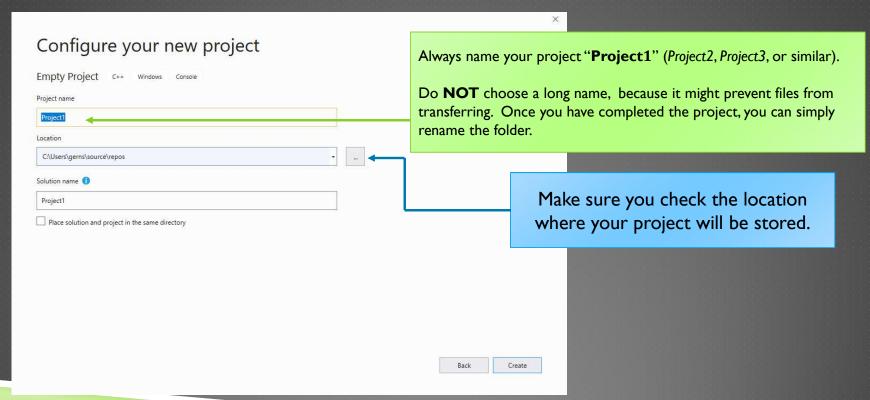
Continue without code →

Click on "Create a new project..."

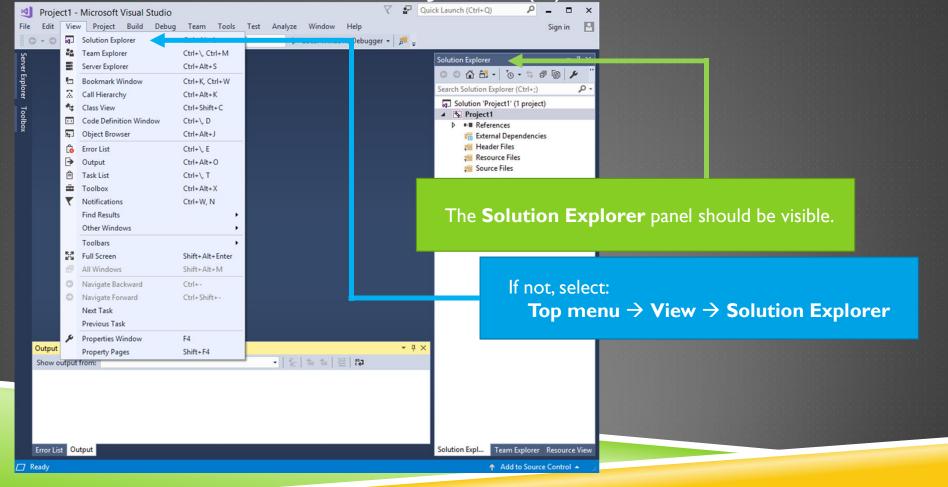
HOW TO CREATE A PROJECT (3)



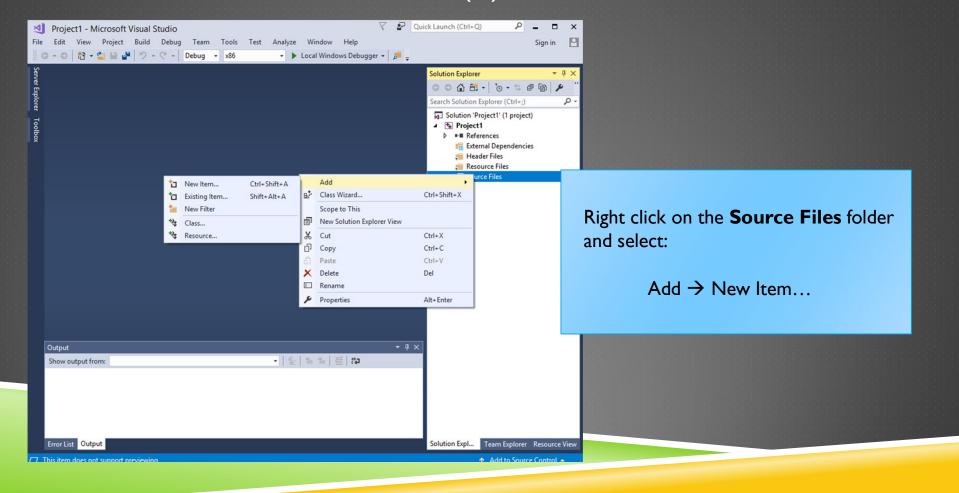
HOW TO CREATE A PROJECT (4)



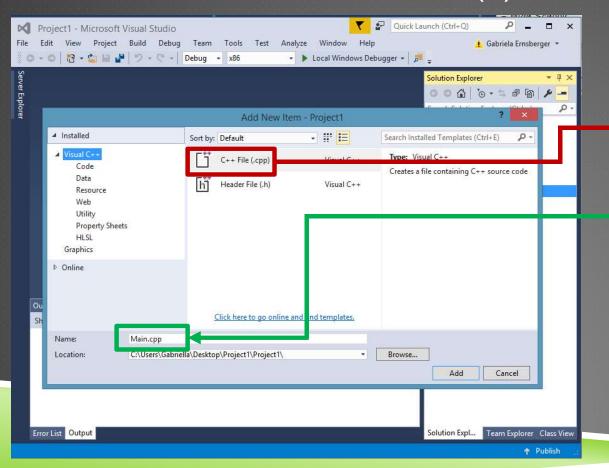
HOW TO CREATE A PROJECT (5)



HOW TO ADD A .CPP FILE (I)



HOW TO ADD A .CPP FILE (2)



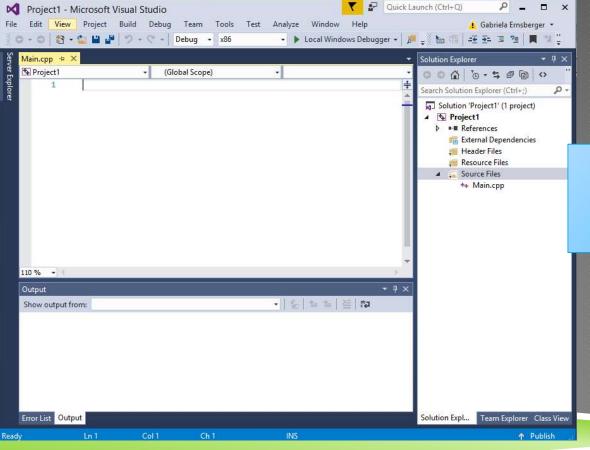
Select C++ File (.cpp)

Visual Studio will name the file Source.cpp by default

→ Change it to Main.cpp

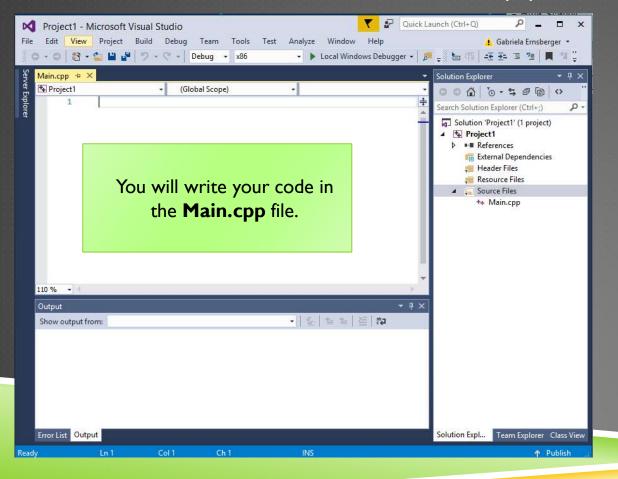
We will always name this file "Main" with an upper-case "M."

HOW TO ADD A .CPP FILE (3)

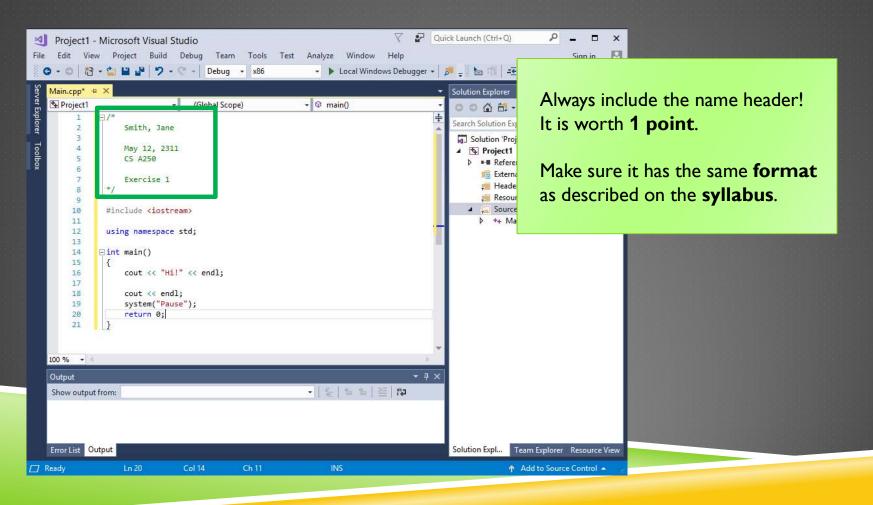


The **Source Files** folder should now include the **Main.cpp** file.

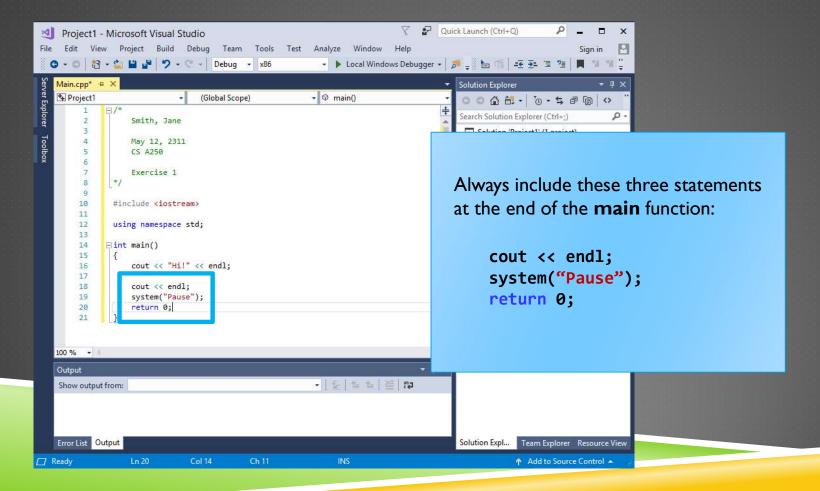
HOW TO ADD A .CPP FILE (4)



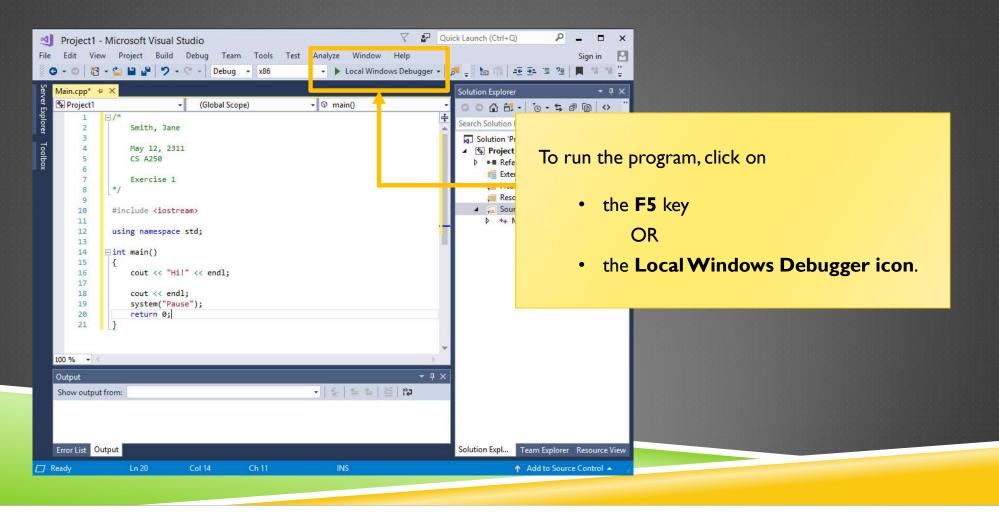
NAME HEADER



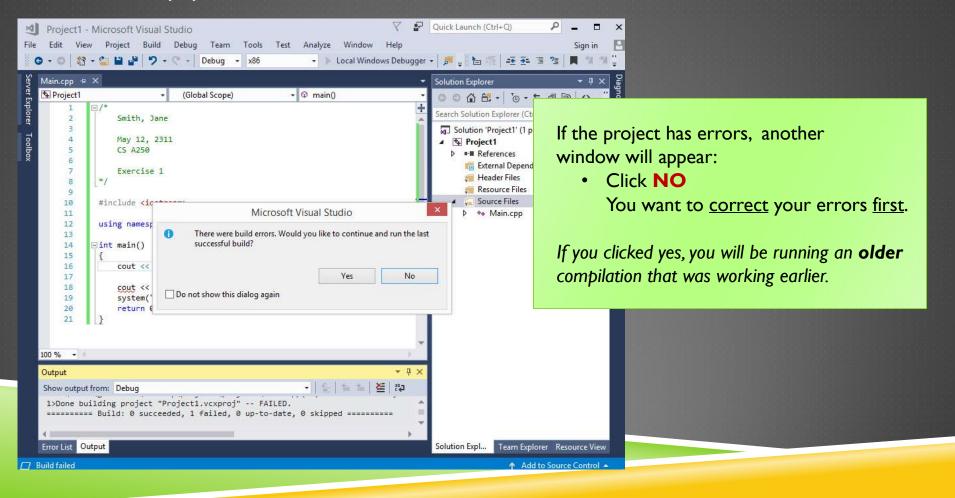
LAST 3 STATEMENTS IN THE MAIN FUNCTION



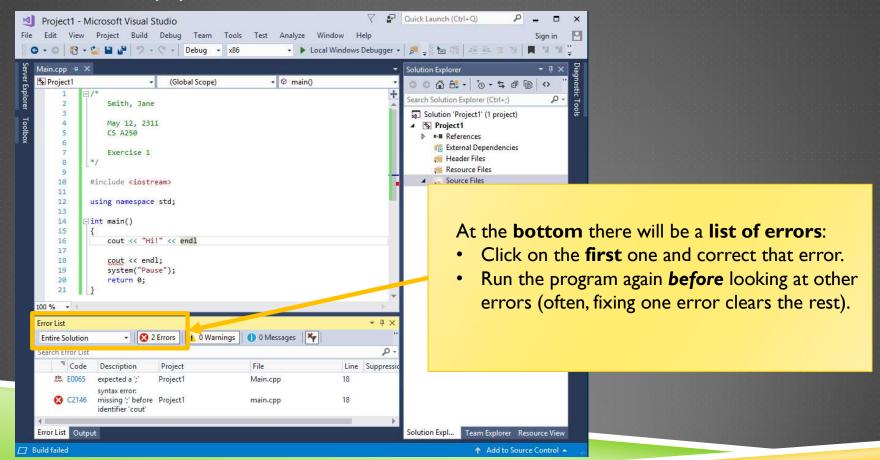
COMPILING YOUR PROGRAM



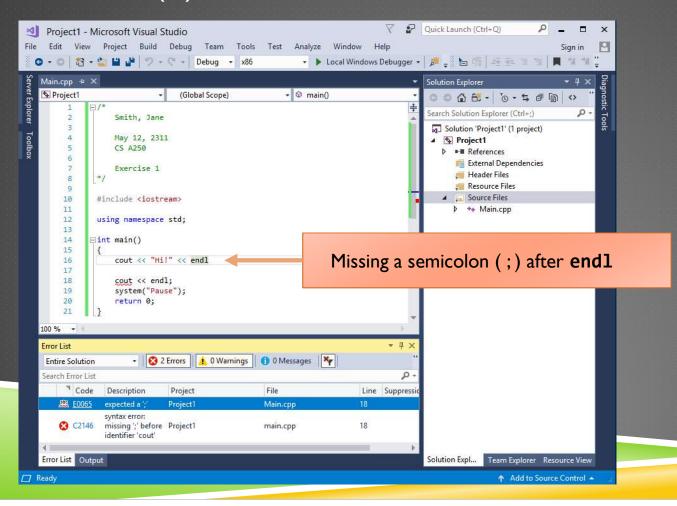
ERRORS (I)



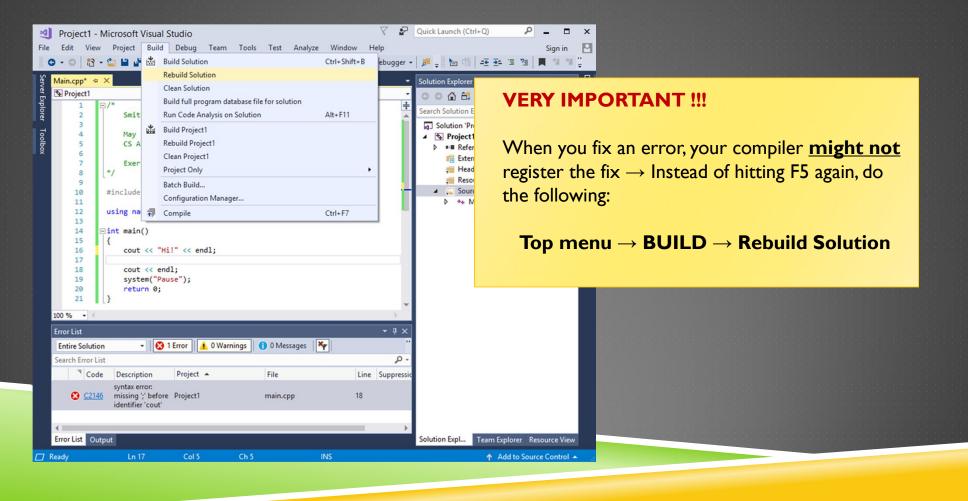
ERRORS (2)



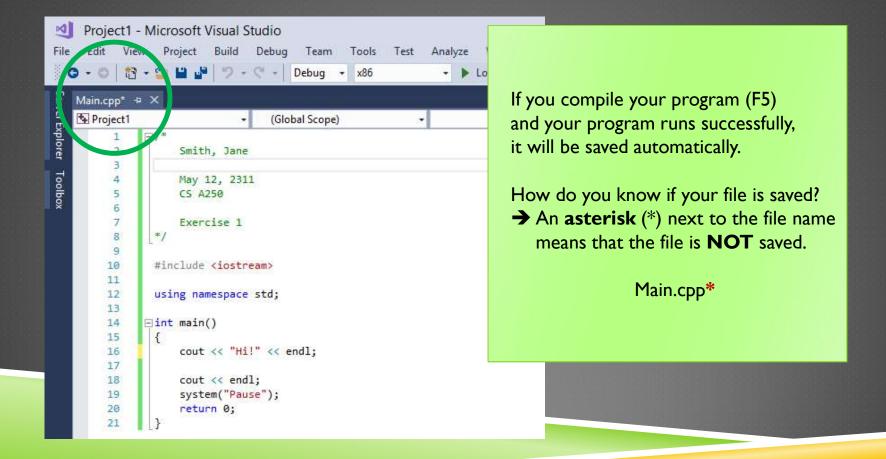
ERRORS (3)



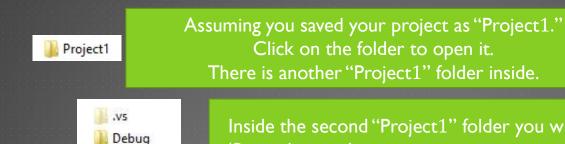
REBUILDING THE SOLUTION



IS YOUR FILE SAVED?



HOW TO OPEN YOUR PROJECT

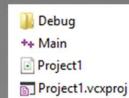


Project1

Project1

Inside the second "Project1" folder you will find several files. (Depending on the version you are using, you might have different files, such as **x64**, BUT the solution file will be the same.)

To open your project, you need to click on the "solution" file.



NOTE: If you open the inner "Project1" folder, you will see all your files. Do **NOT** click on the Main.cpp file, because it will just open the file instead of the project, and you will **not** be able to execute your program!

ADDITIONAL HELP

- ► You can find additional resources at
 - https://docs.microsoft.com/en-us/visualstudio/welcome-to-visual-studio