

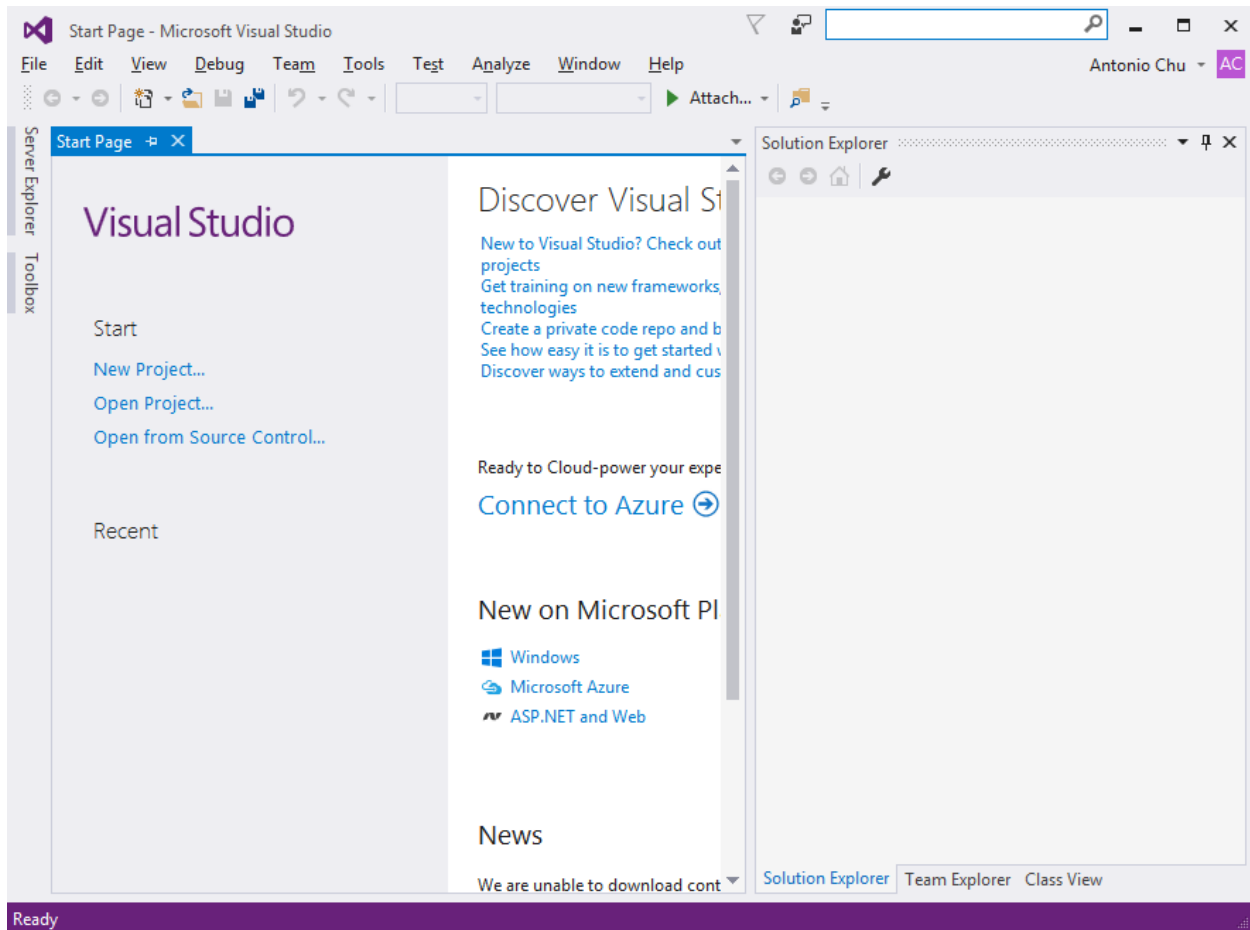
Visual Studio Step by Step Set up for C

using inline ASM

Take notes while following the lecture and demo on how to customize your C program to use inline ASM from the teacher's computer during the lecture hour. In case you cannot keep up or remember here is the step by step screen shots with instruction.

The following is a step by step, screen by screen walk thru.

Startup visual studio then New Project or file->new->project



Choose: C++ ,General,Empty Project

Name: yourNameX86SortProj

Location:c:\MyProj\ or choose your location (but you have to remember where it is)

Make sure the create directory is unchecked

New Project?×

Recent

Installed

Templates

Online

Visual C++

Windows

ATL

CLR

General

MFC

Test

Win32

Cross Platform

Extensibility

Other Languages

Other Project Types

Samples

.NET Framework 4.5.2

Sort by: Default

Search Installed Templates (Ctrl+E)

Empty Project

Custom Wizard

Makefile Project

Shared Items Project

Visual C++

Visual C++

Visual C++

Visual C++

Type: Visual C++

An empty project for creating a local application

[Click here to go online and find templates.](#)

Name: AChuX86SortProj

Location: c:\MyProj

Solution name: AChuX86SortProj

Browse...

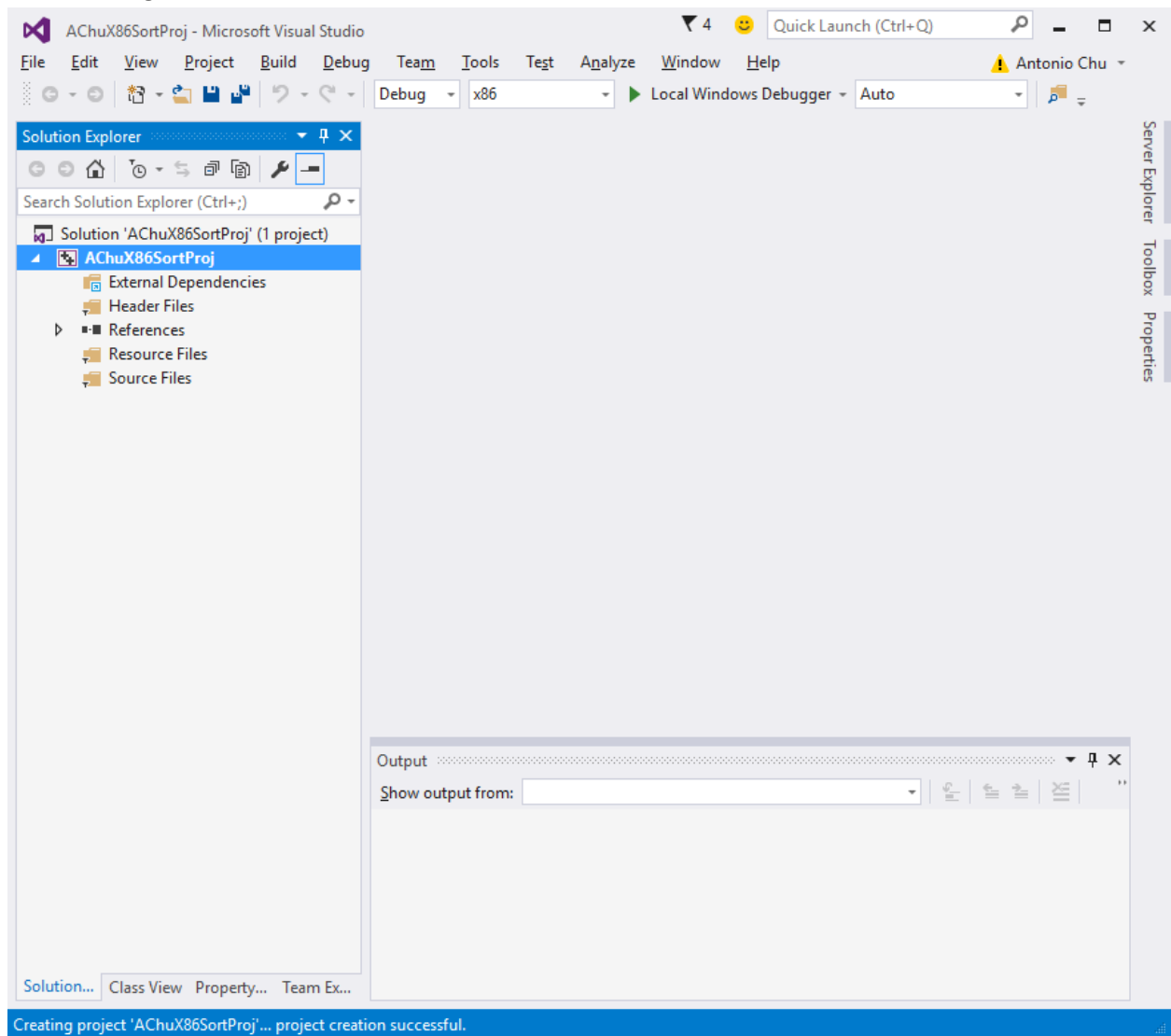
☐ Create directory for solution

☐ Add to source control

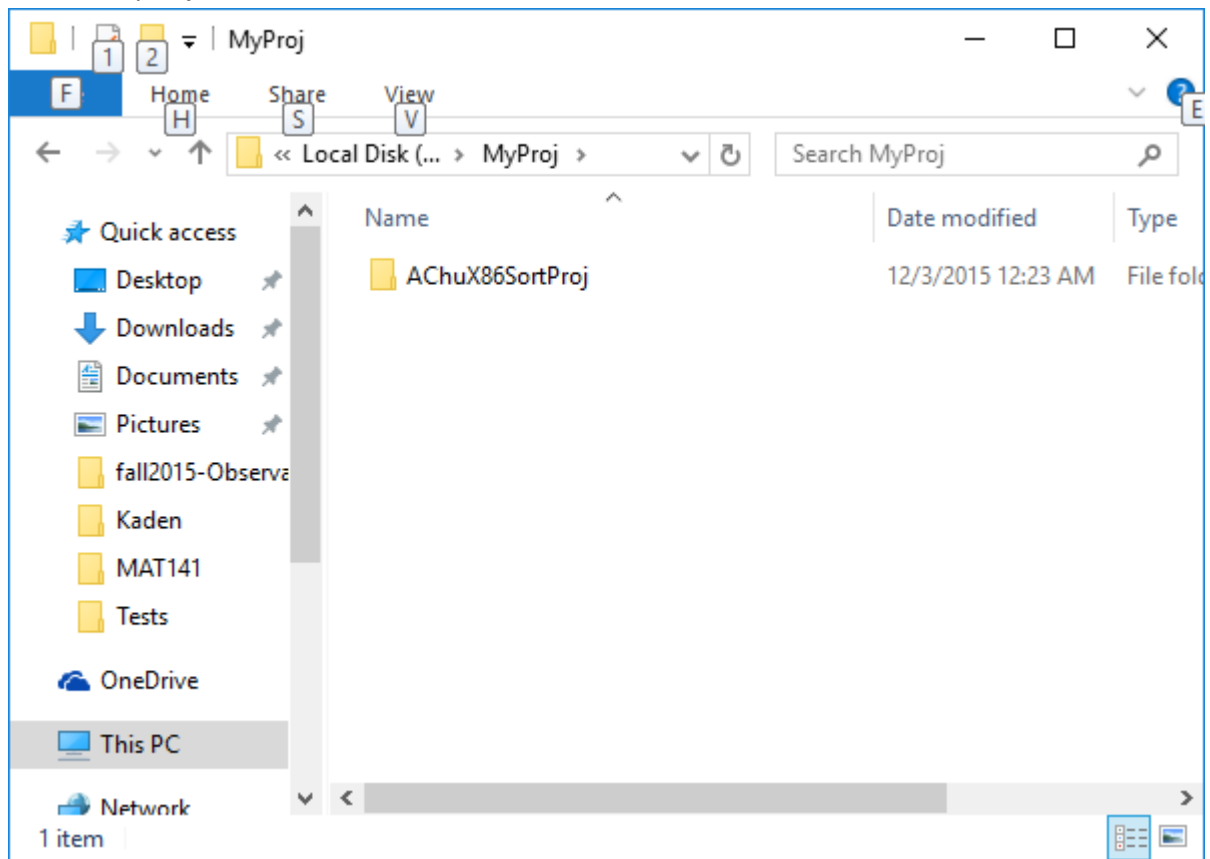
OK

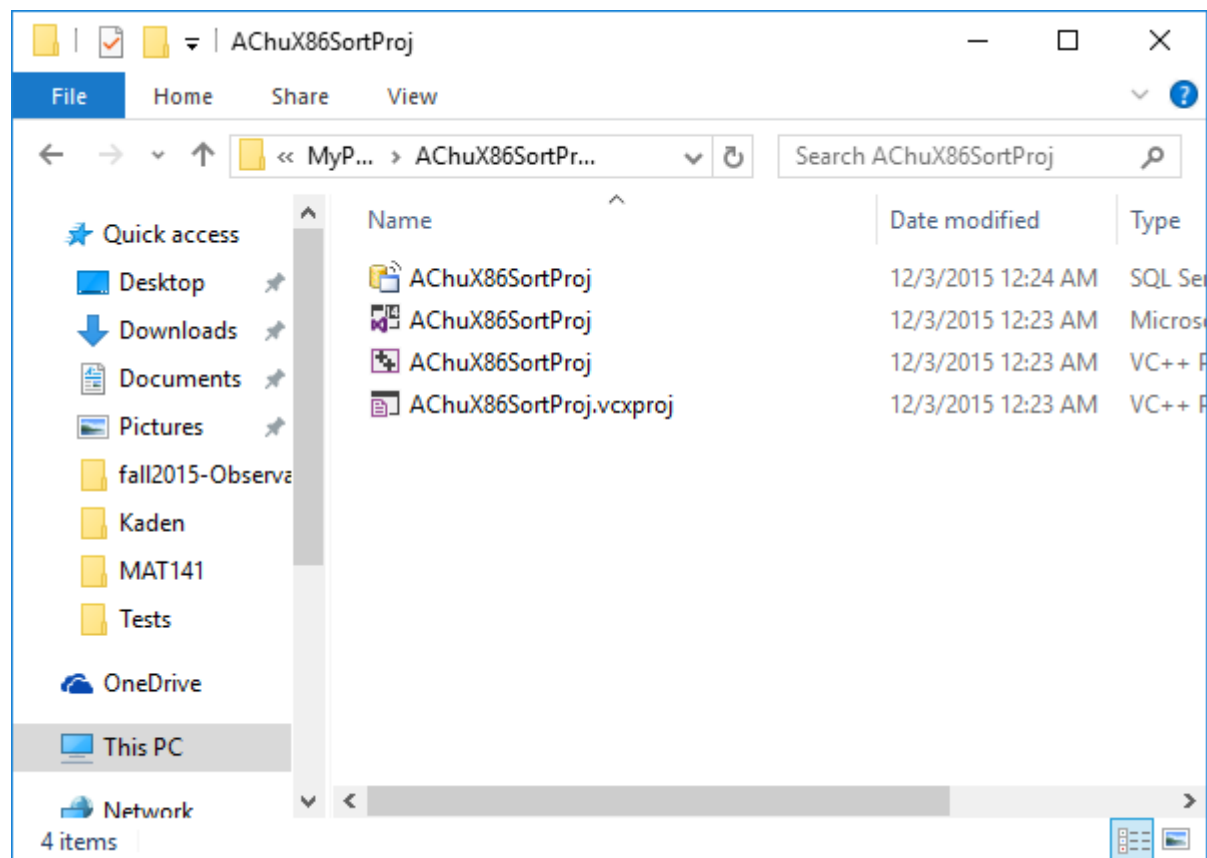
Cancel

Click ok and get

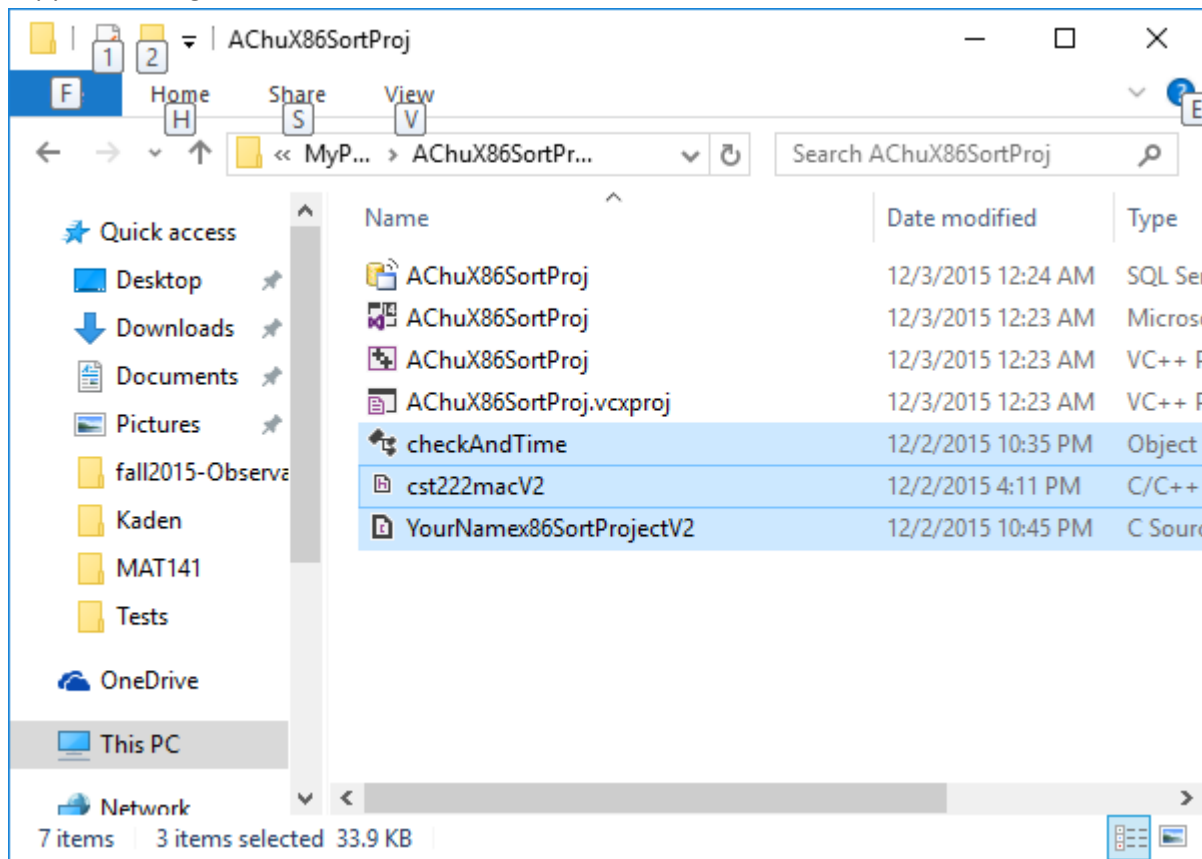


Go to c:\MyProj folder

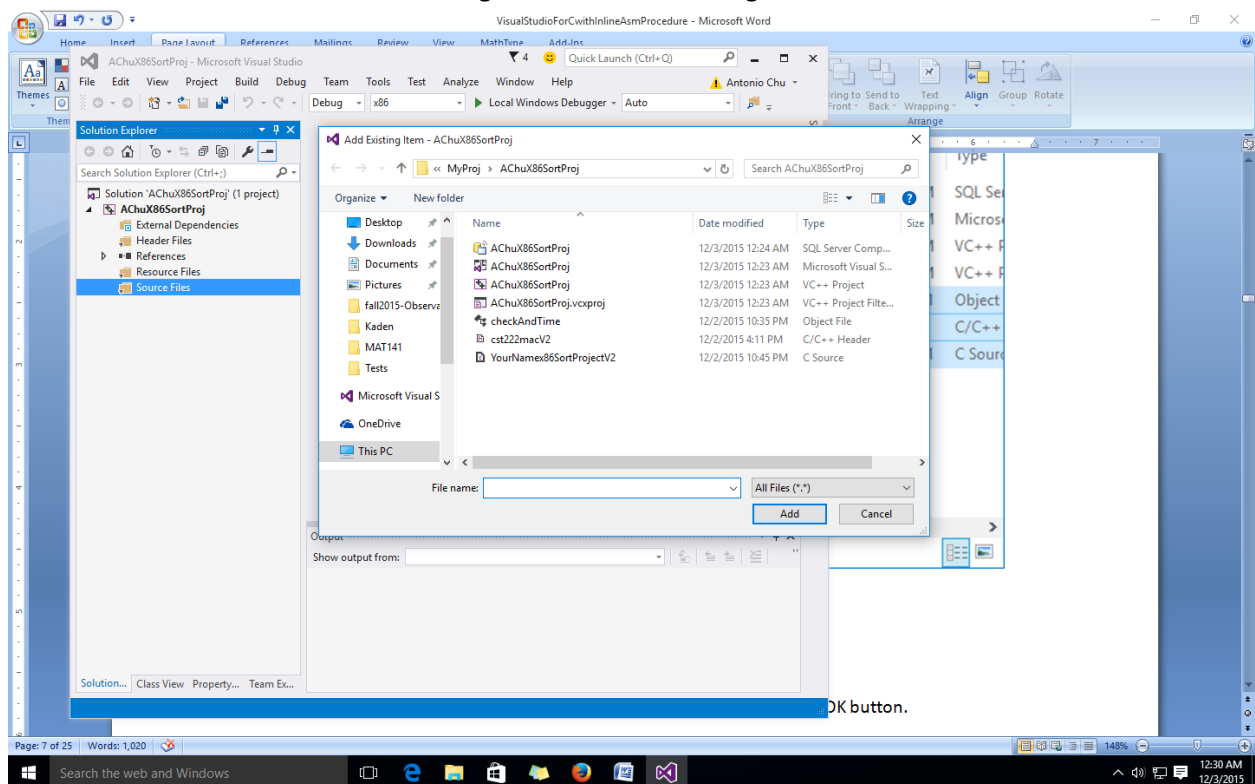




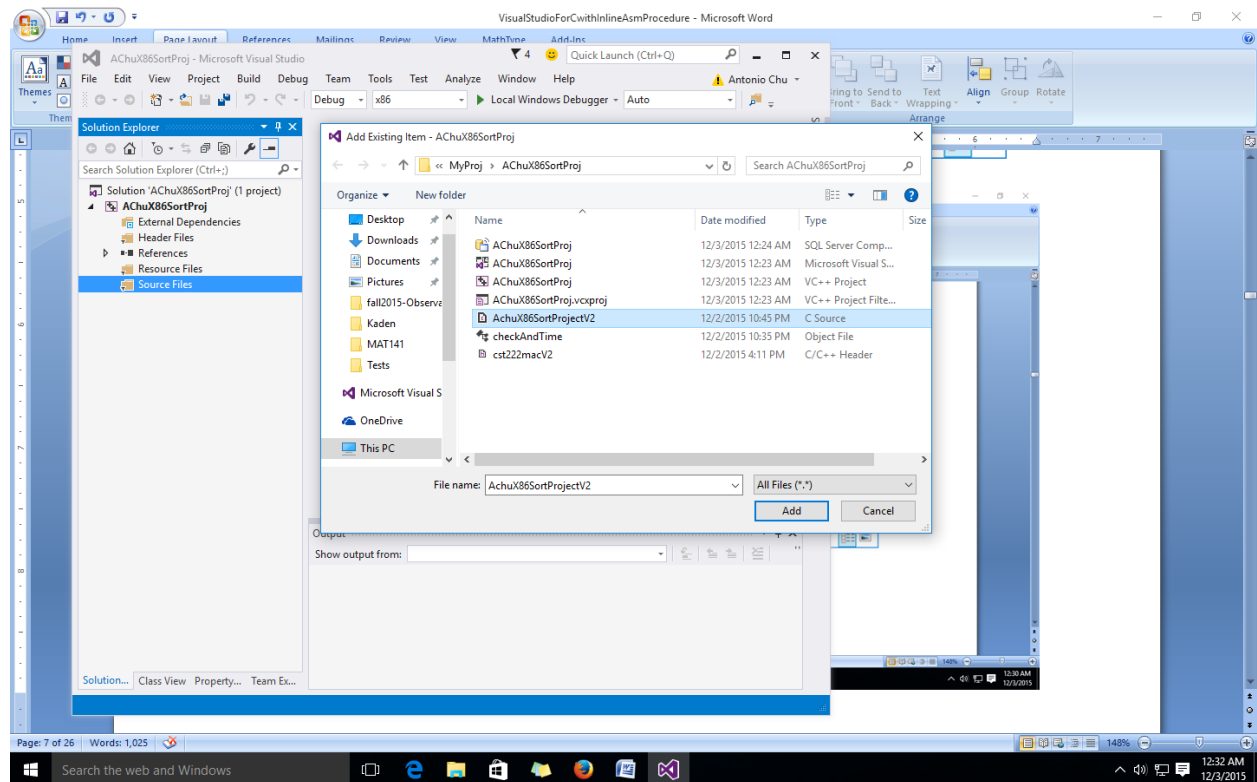
Copy the three given files into this folder



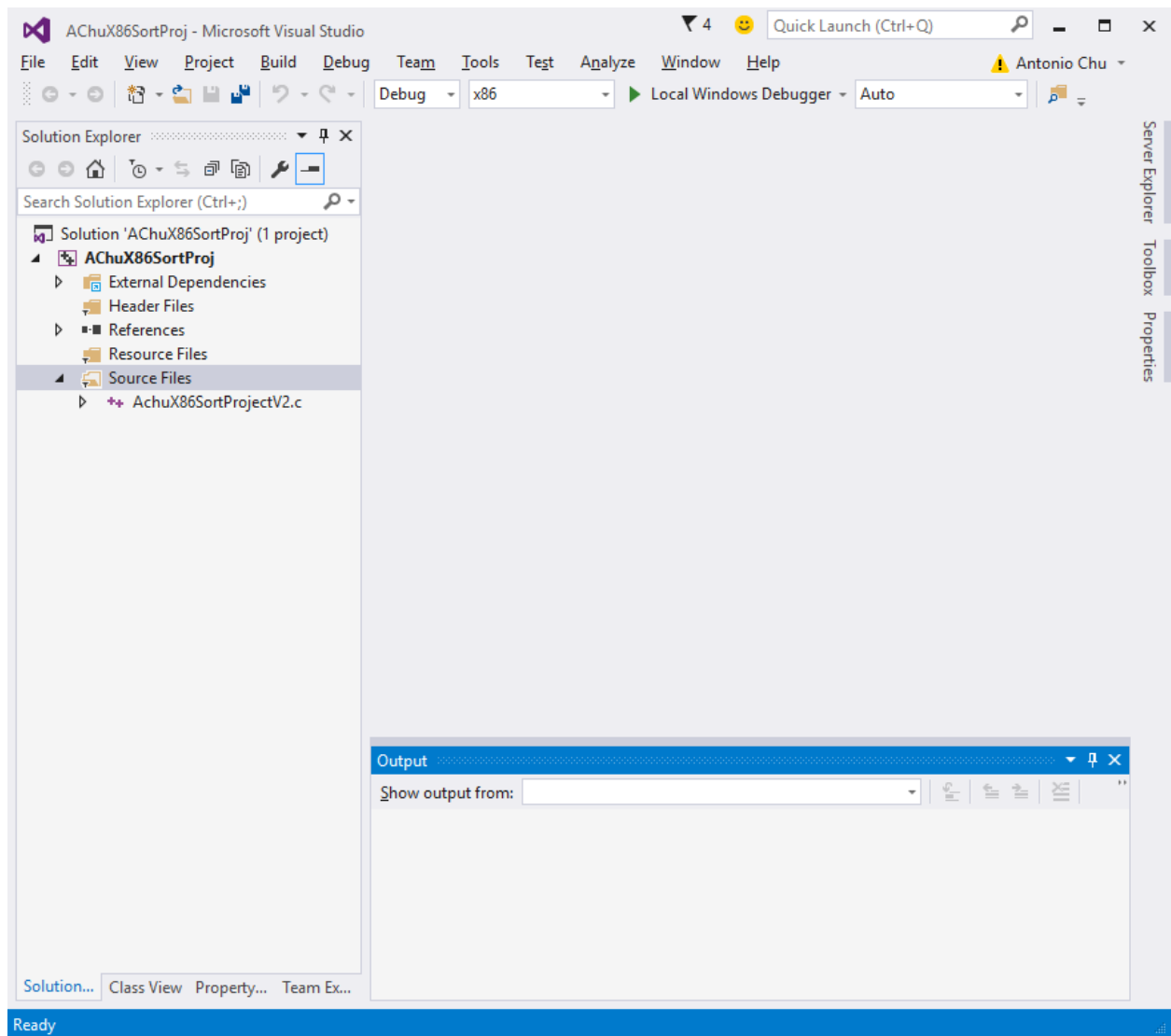
Go back to visual studio on source file right click->add->existing



Rename yourNameX86SortProjV2.c to your name as AChuX86SortProjV2.c then select by clicking it.

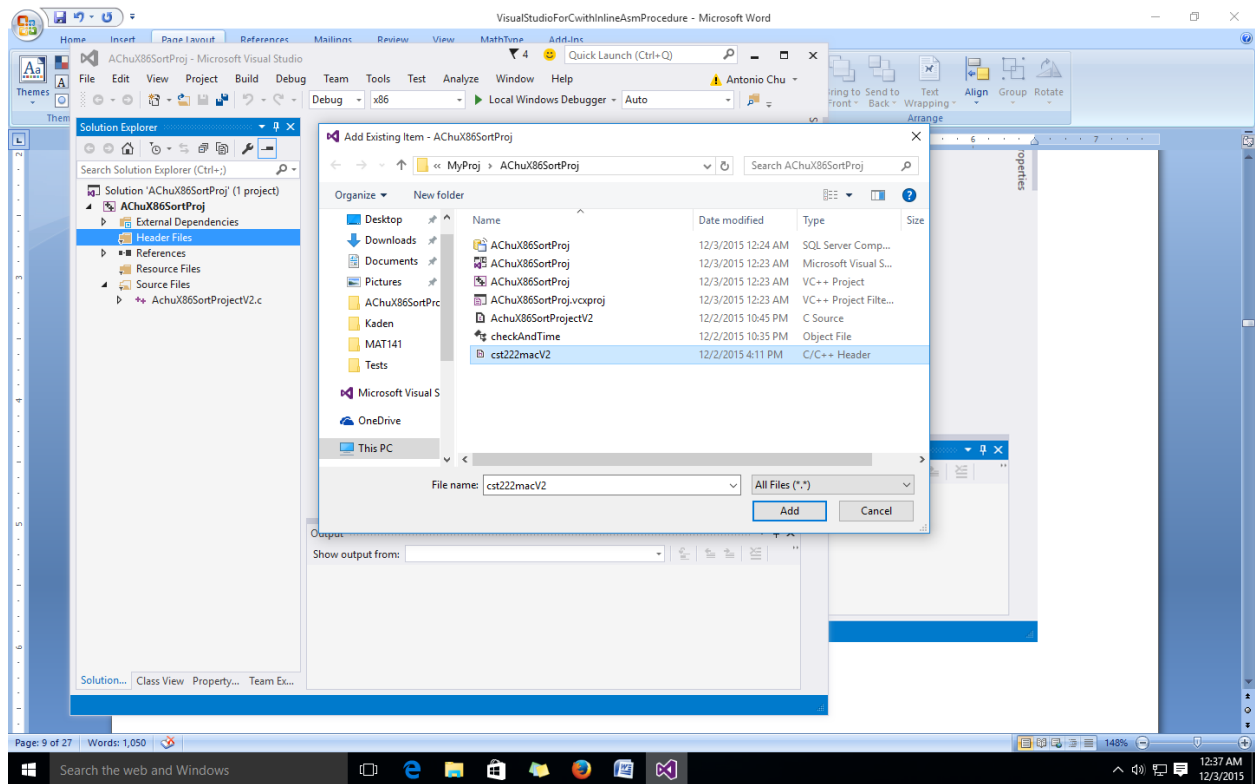


Click on the add button

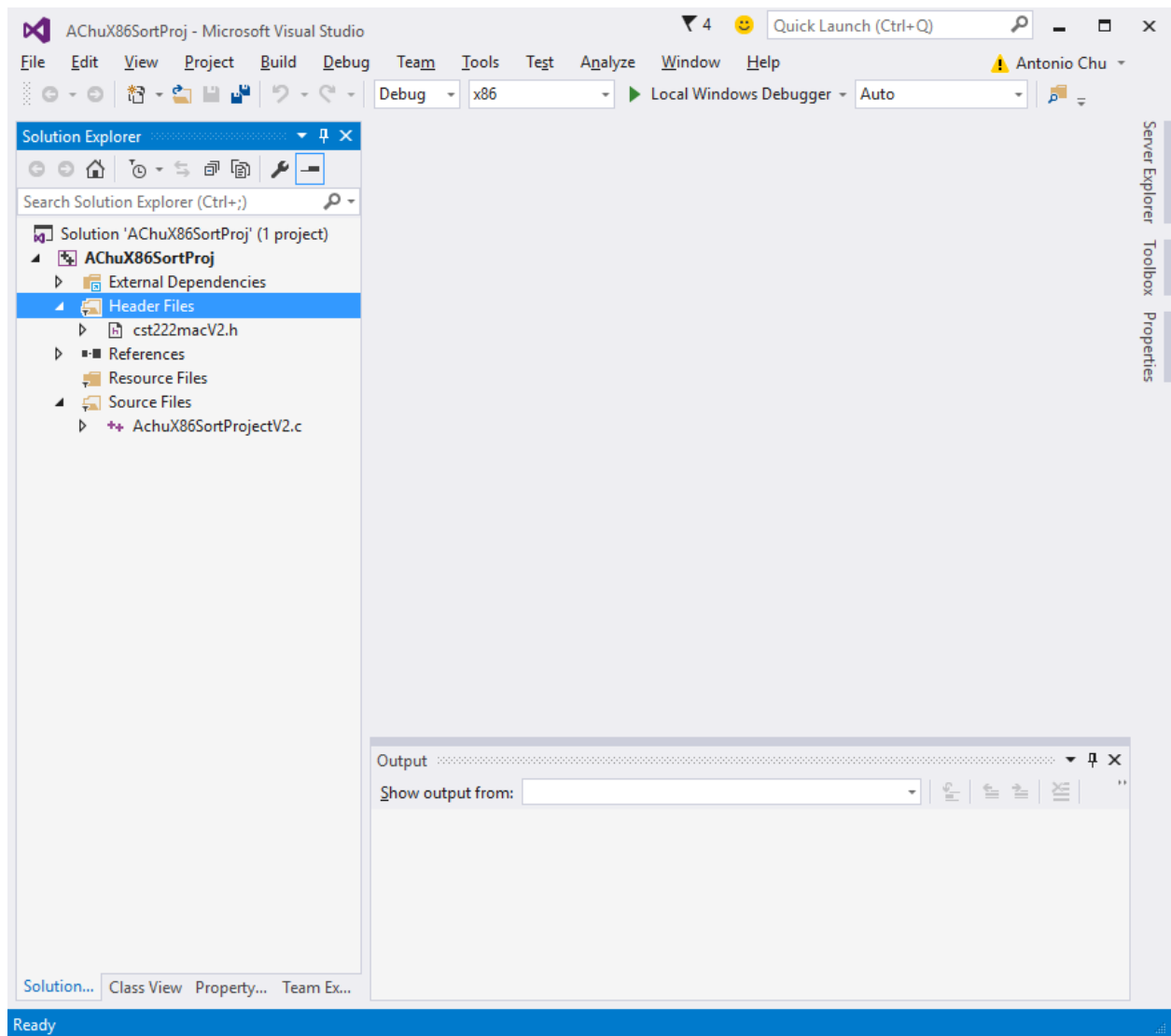


Next right click on Header Files->add->existing

Select CST222macV2.h

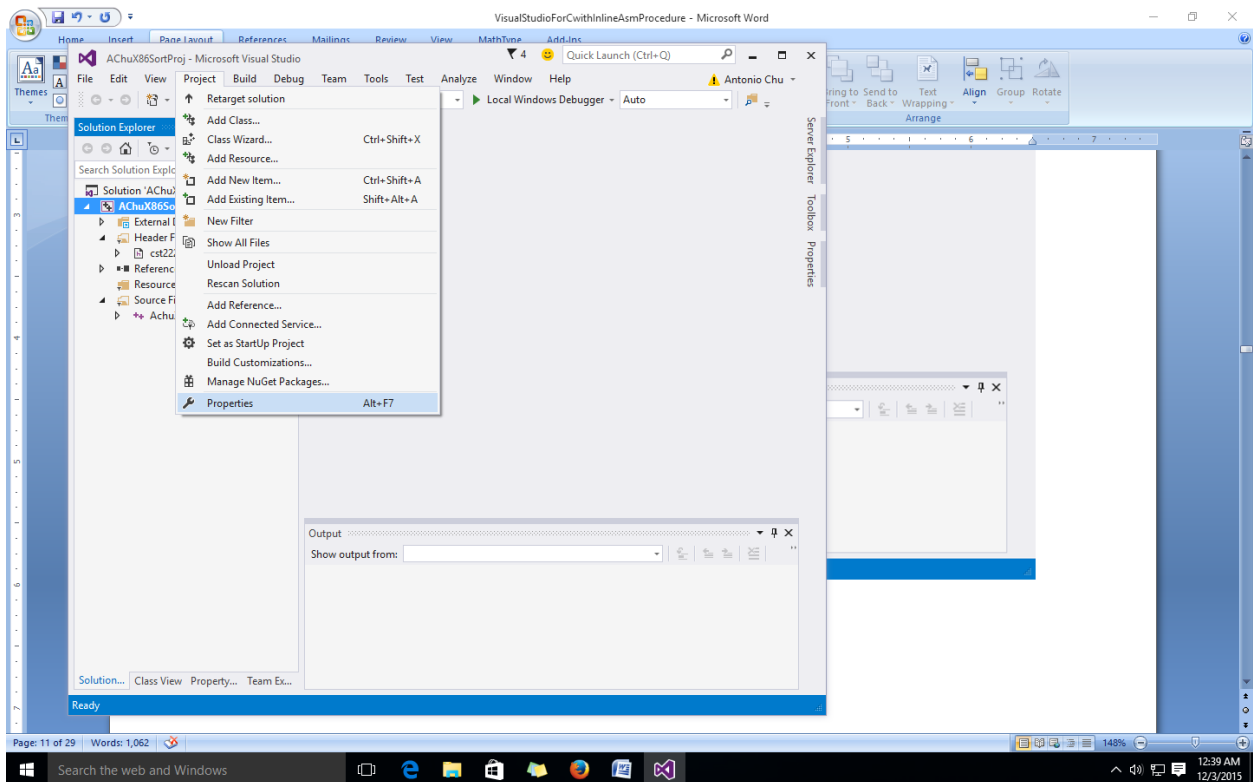


Click add button.

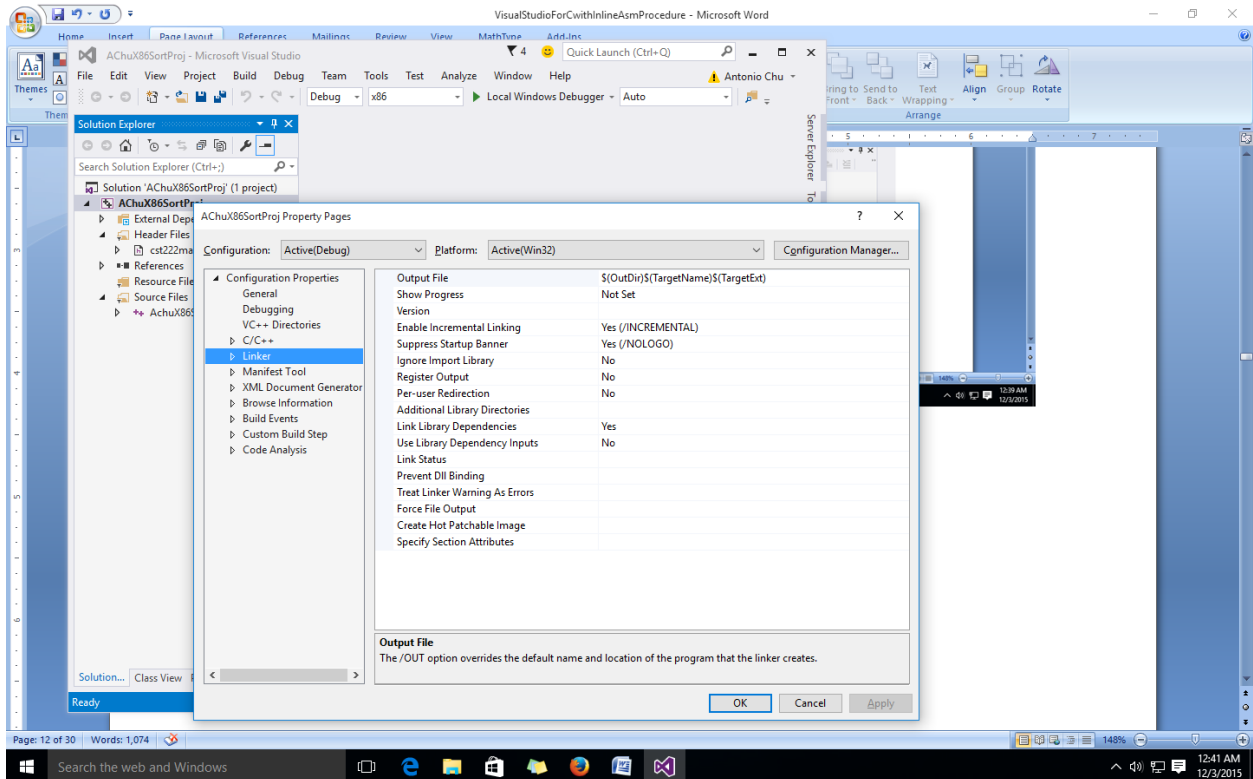


How to add the checkAndTime.obj to visual studio IDE:

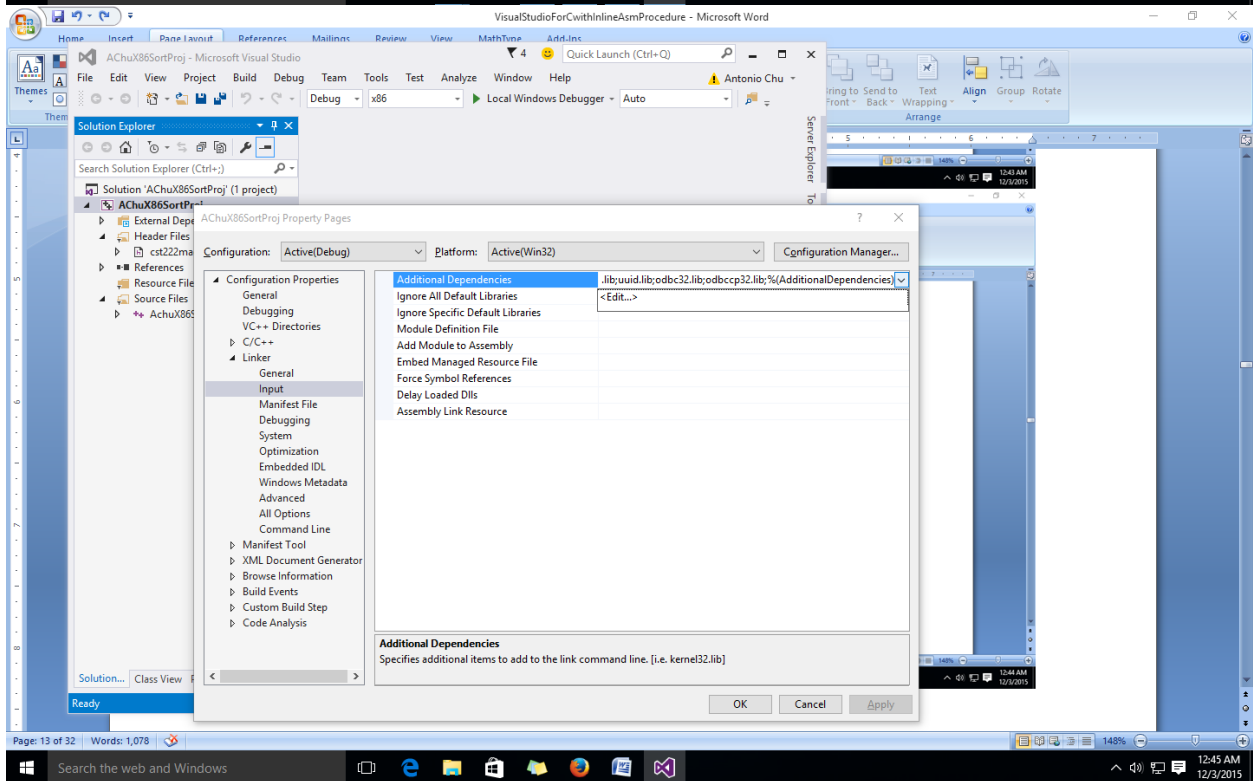
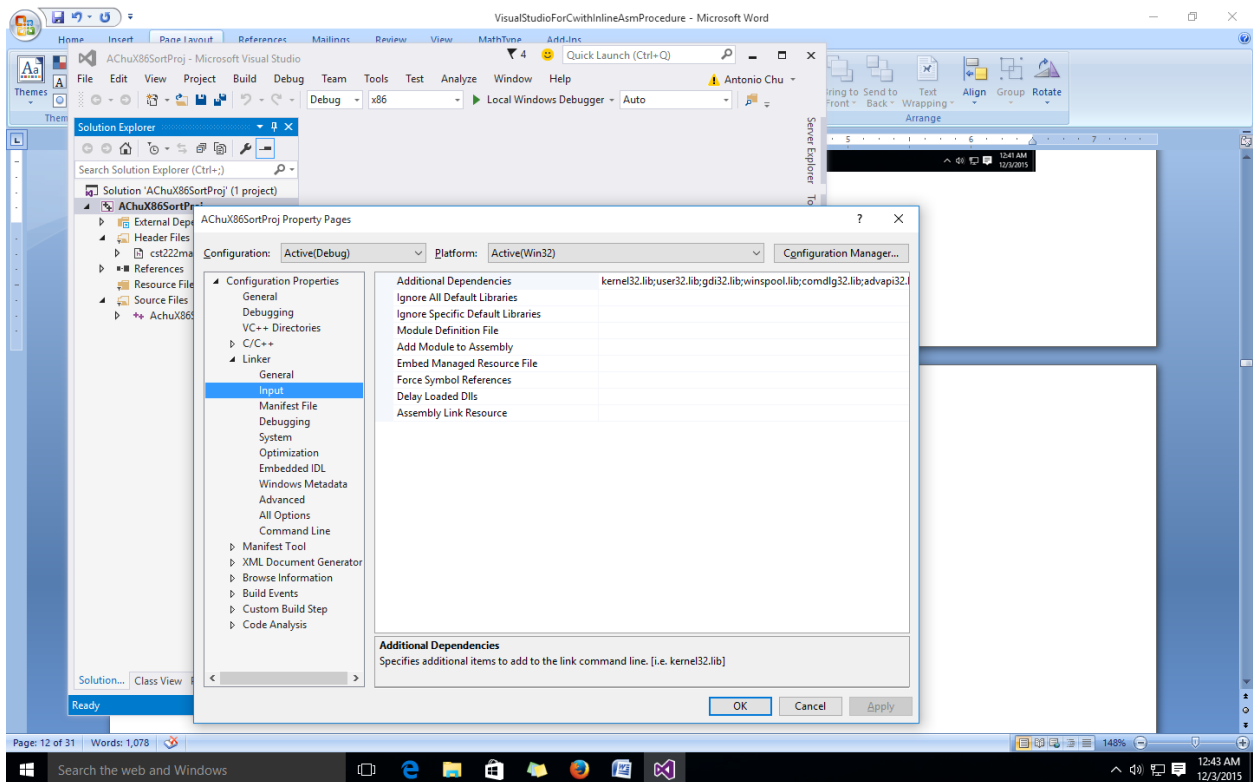
On top click on project->property



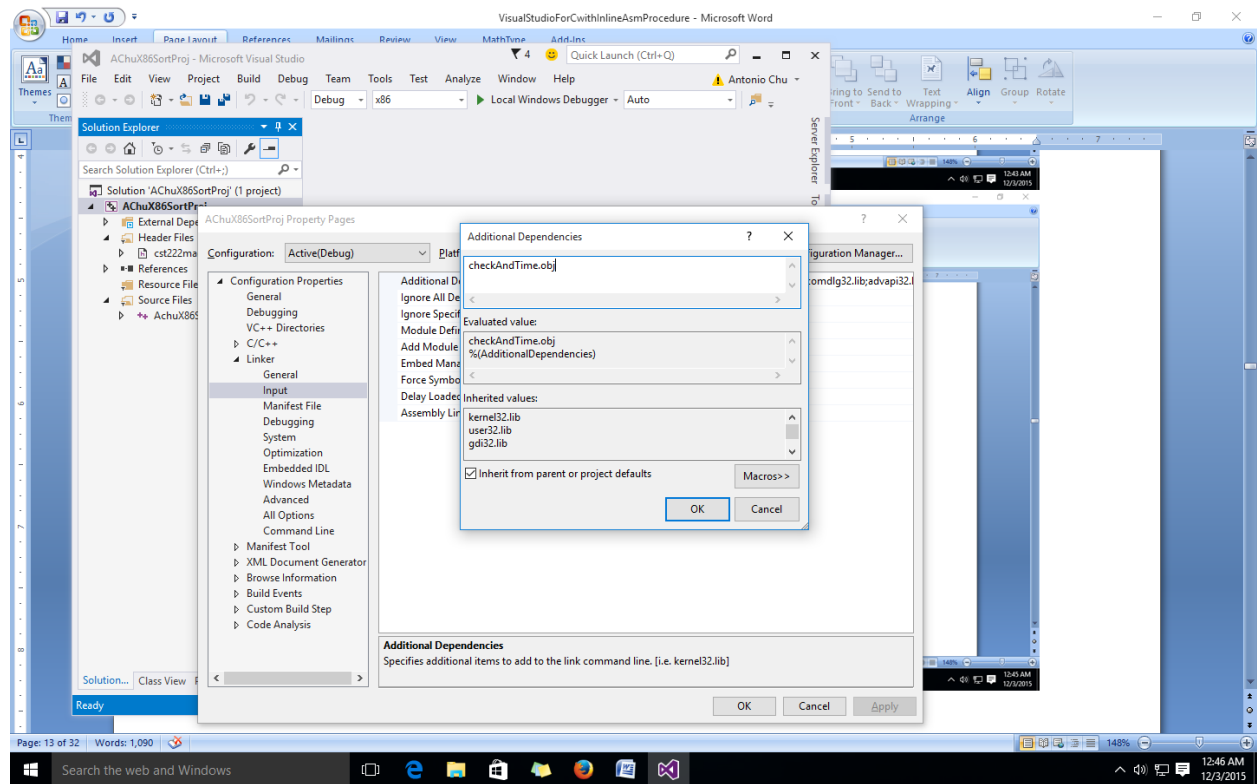
You will get this click on linker.



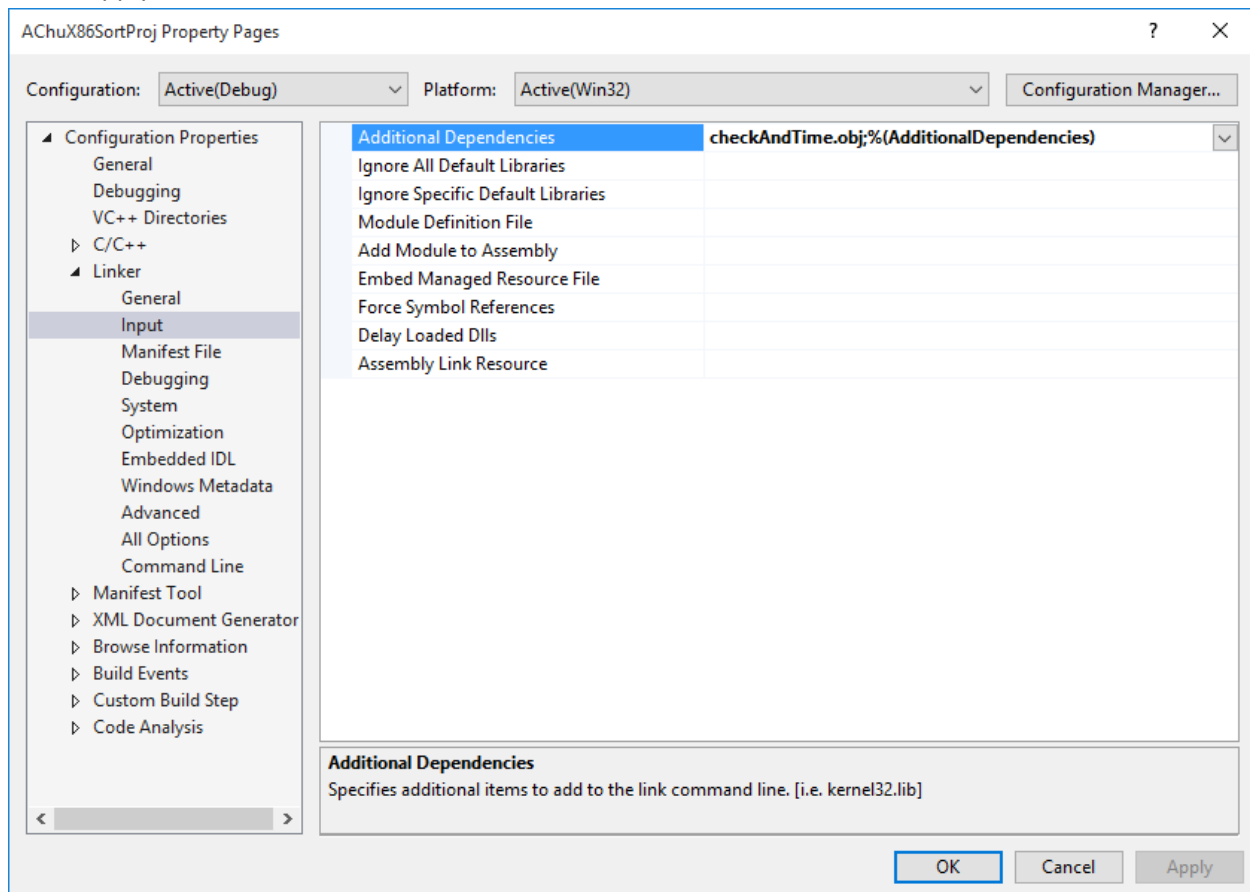
Then click on input



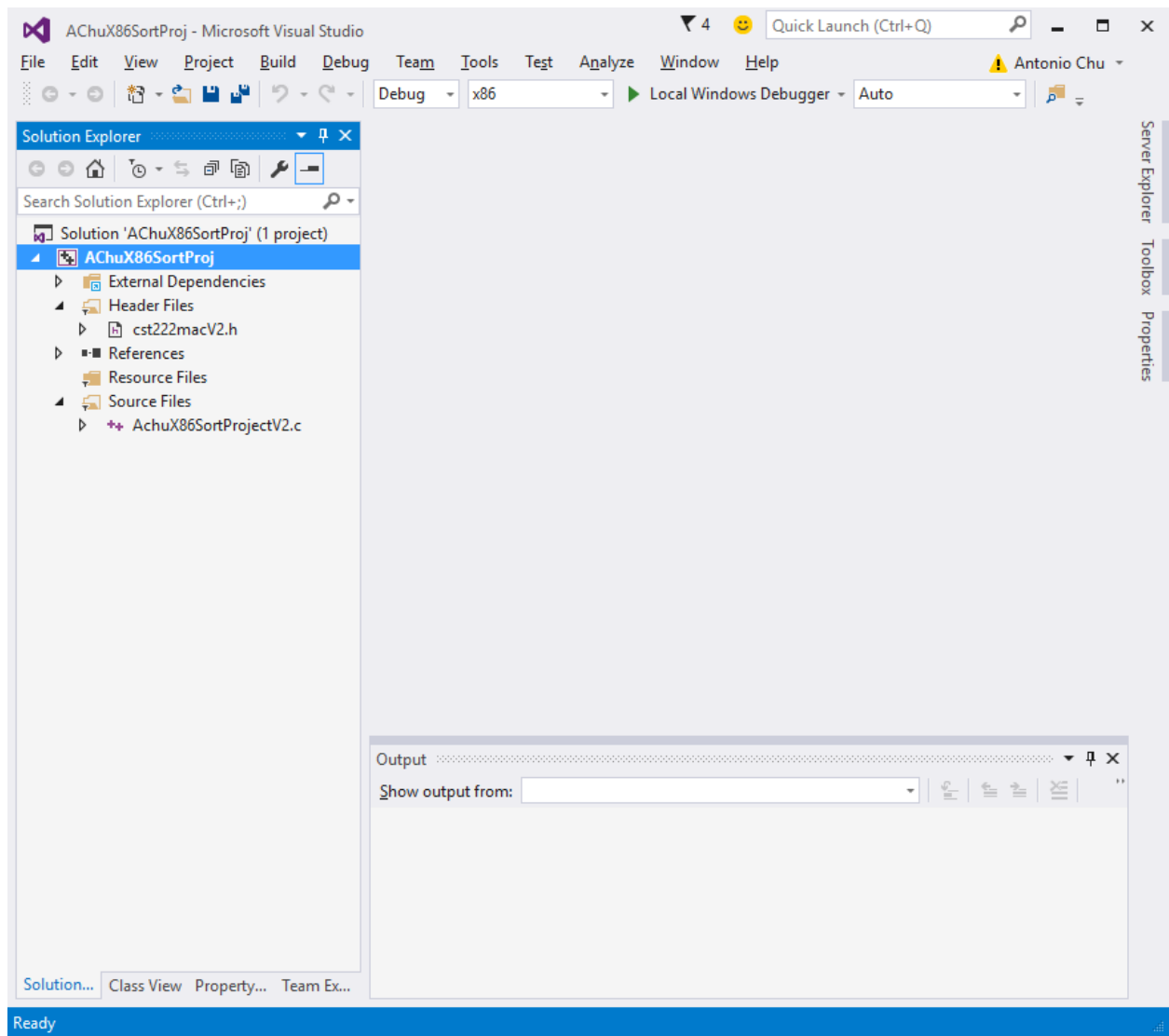
Click the v symbol at the end of additional Dependencies then edit enter checkAndTime.obj



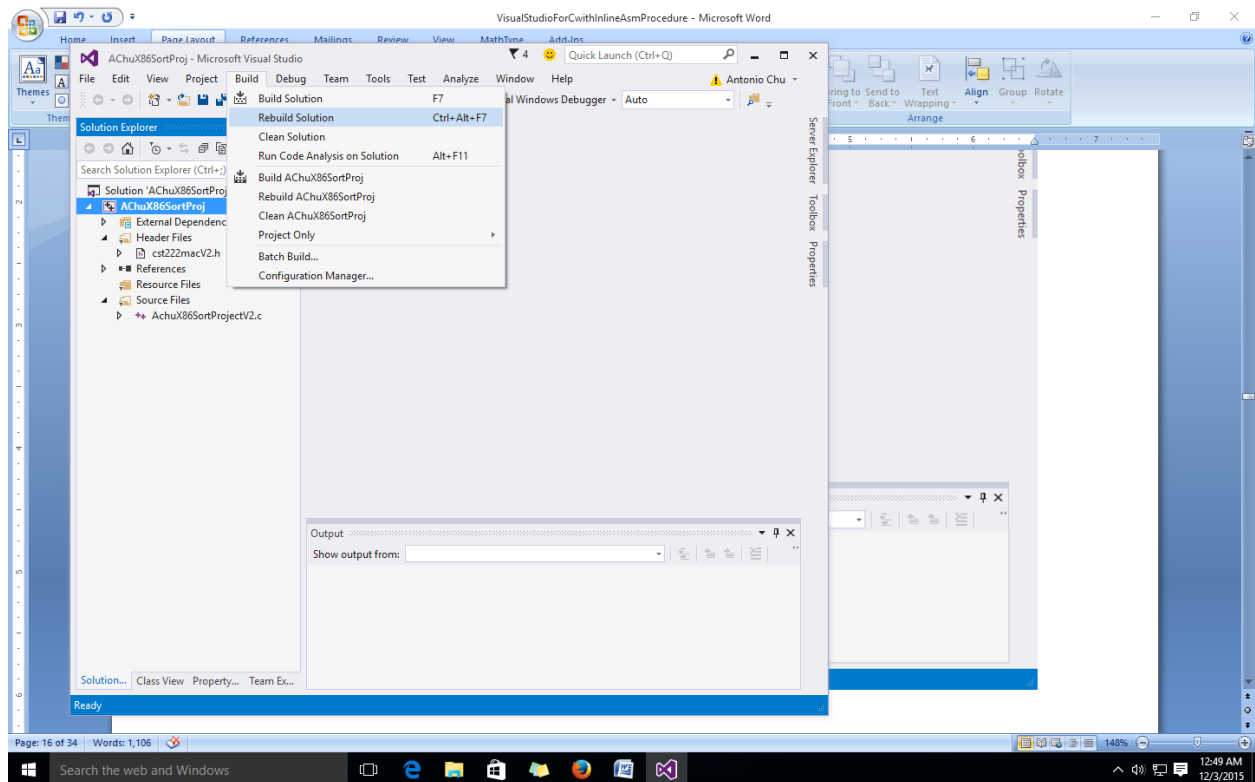
Do ok, apply and ok on the next screen



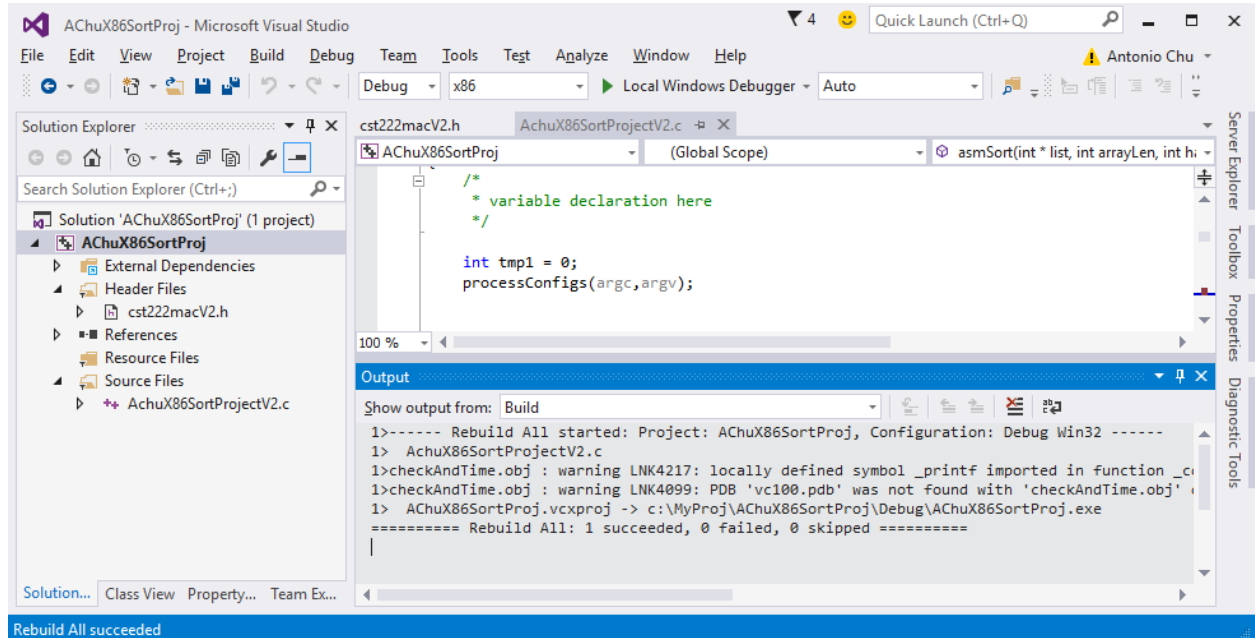
Ok.



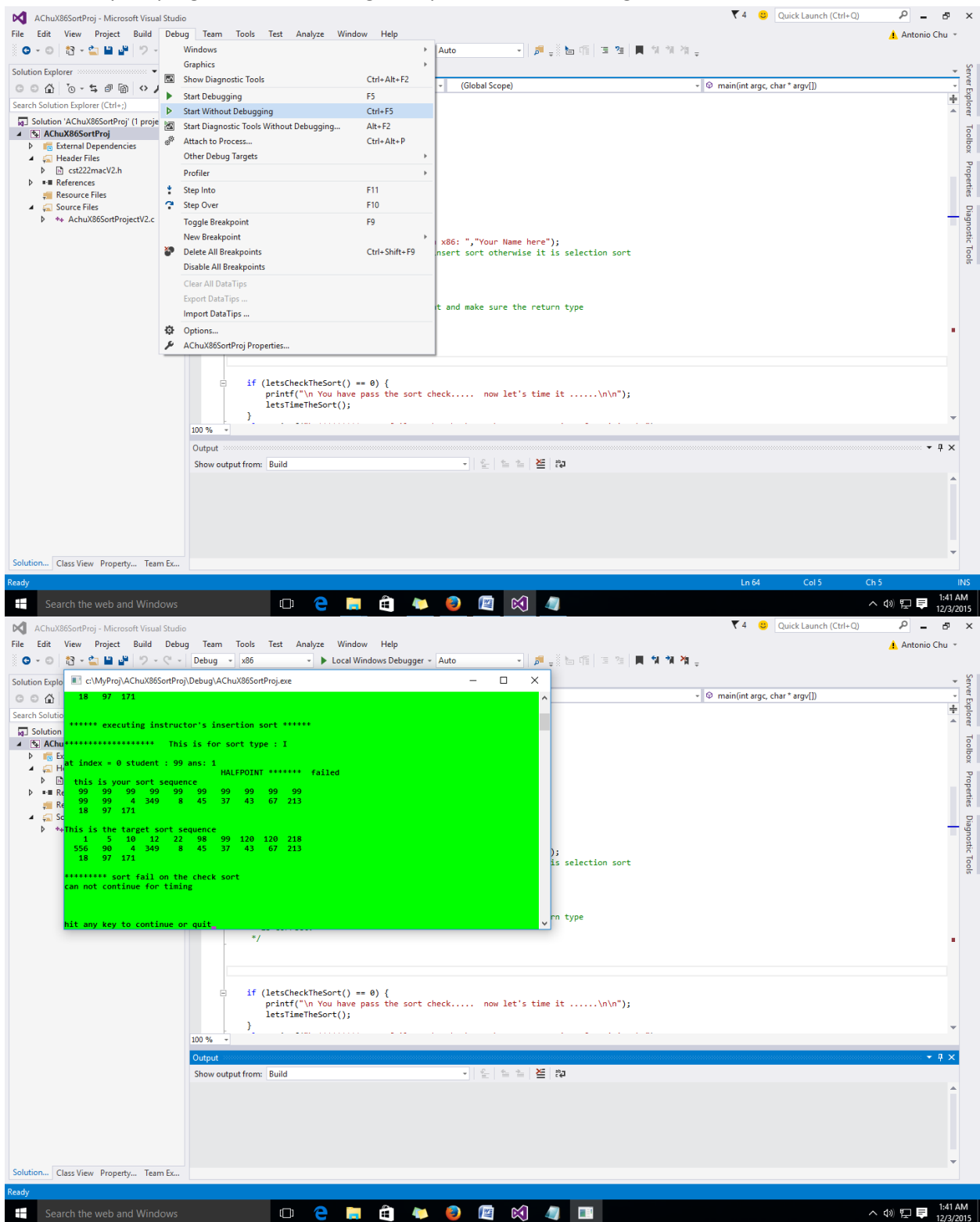
On top click build->Rebuild Solution



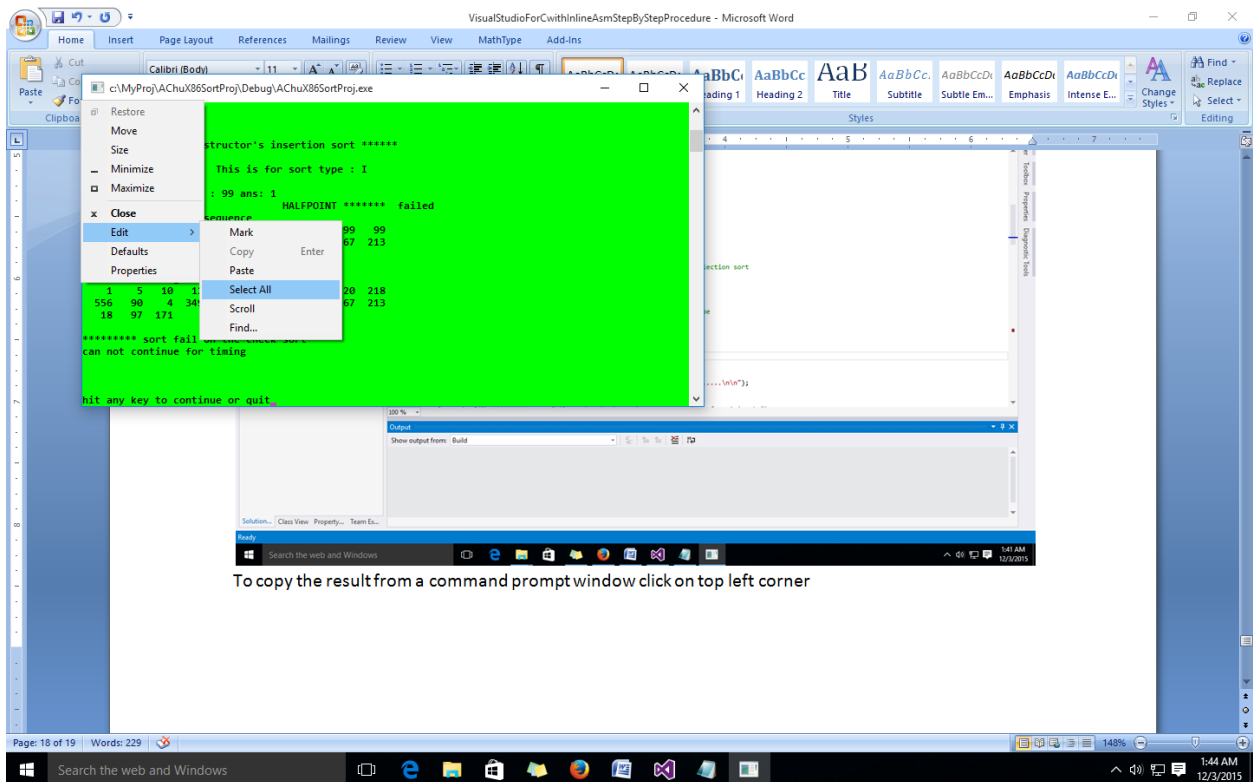
Ignore the two warning on the linker



To execute your program click on debug on top start without debug

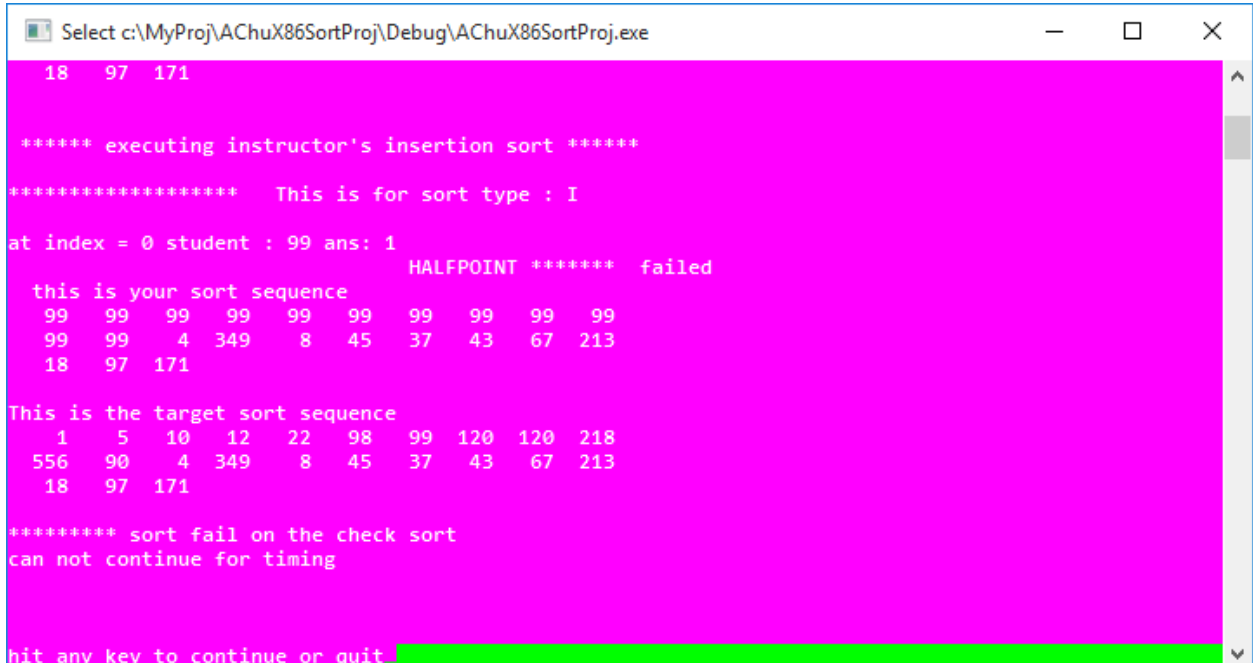


To copy the result from a command prompt window click on top left corner->edit->select all



To copy the result from a command prompt window click on top left corner

Hit enter key on



This will capture everything into the window operating system clip board then you paste It on a Microsoft word document.

