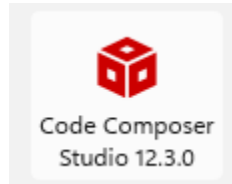
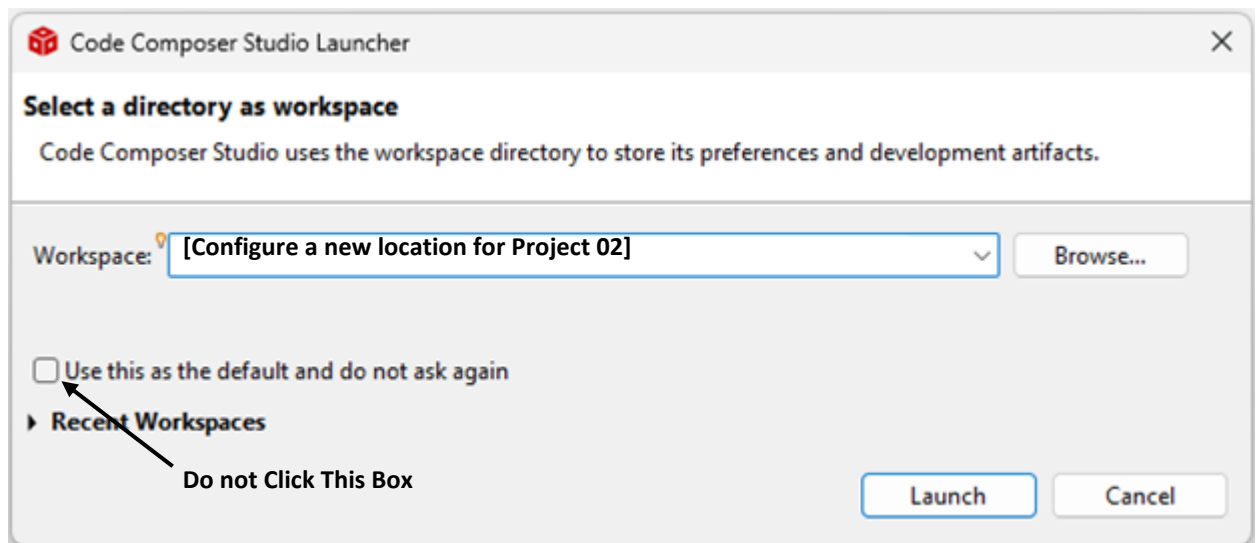


These are Instructions that can be used with subsequent Projects and Homeworks.

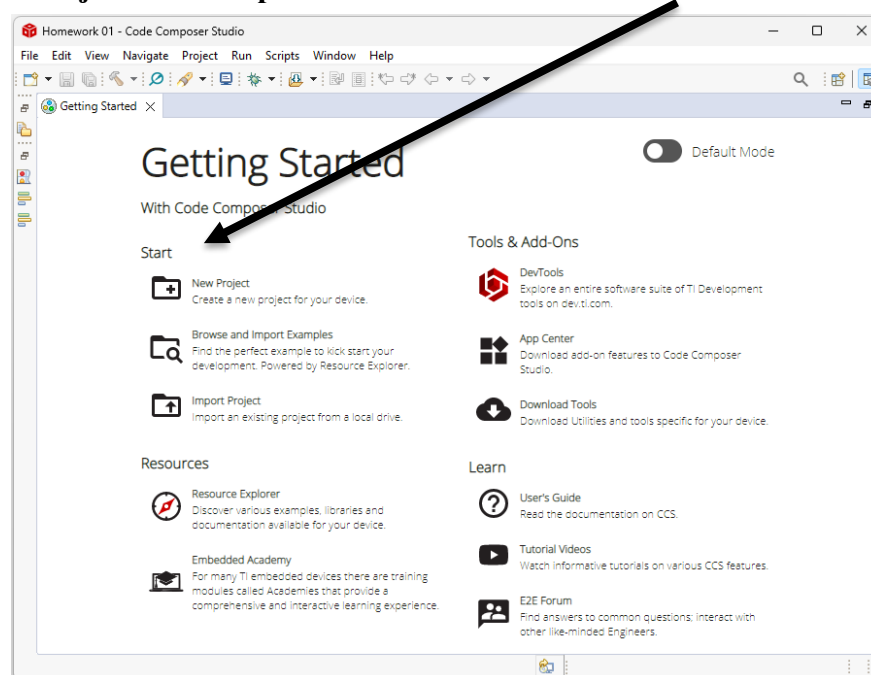
1.Start Code Composer.



2.Clicking on the Icon will bring up the area below.

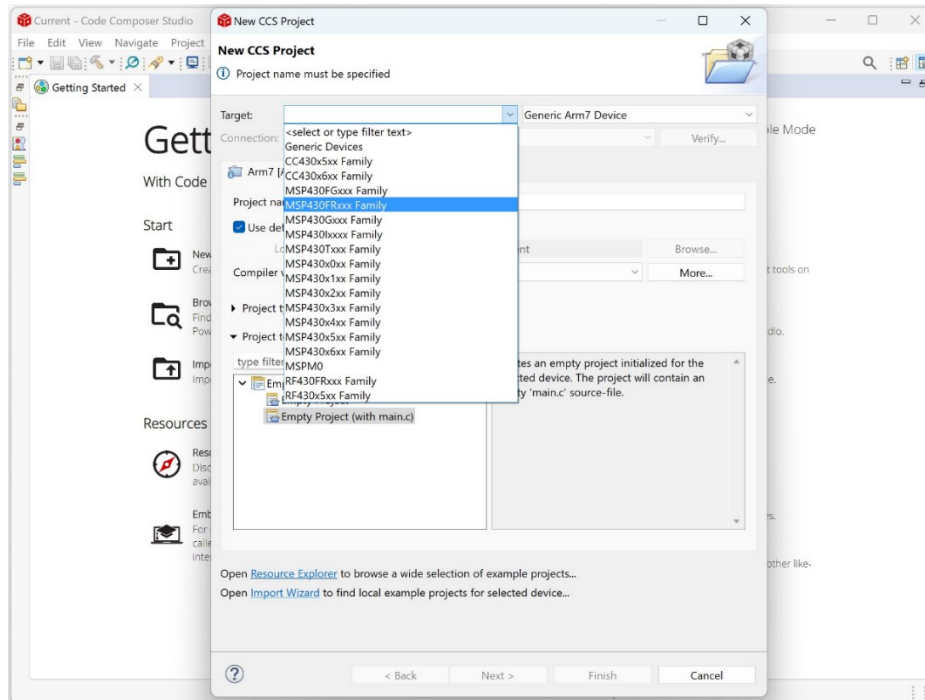


3.Select New Project on the top left column under the word "Start".

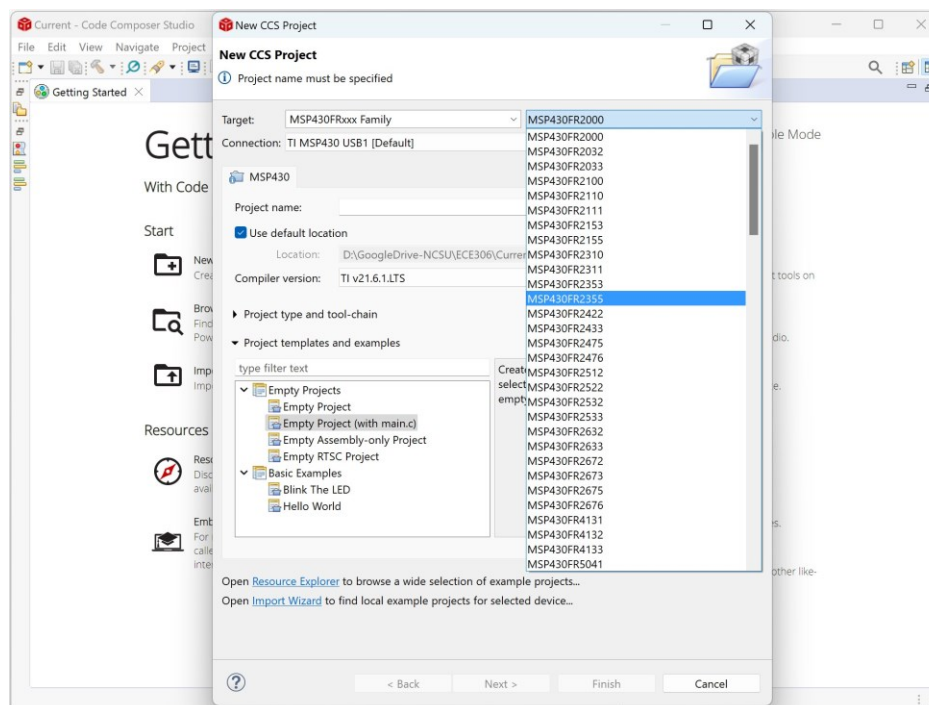


4. Follow this process frequently when working on a specific assignment. I suggest at a minimum make copies of your .c and .h files EVERY HOUR.

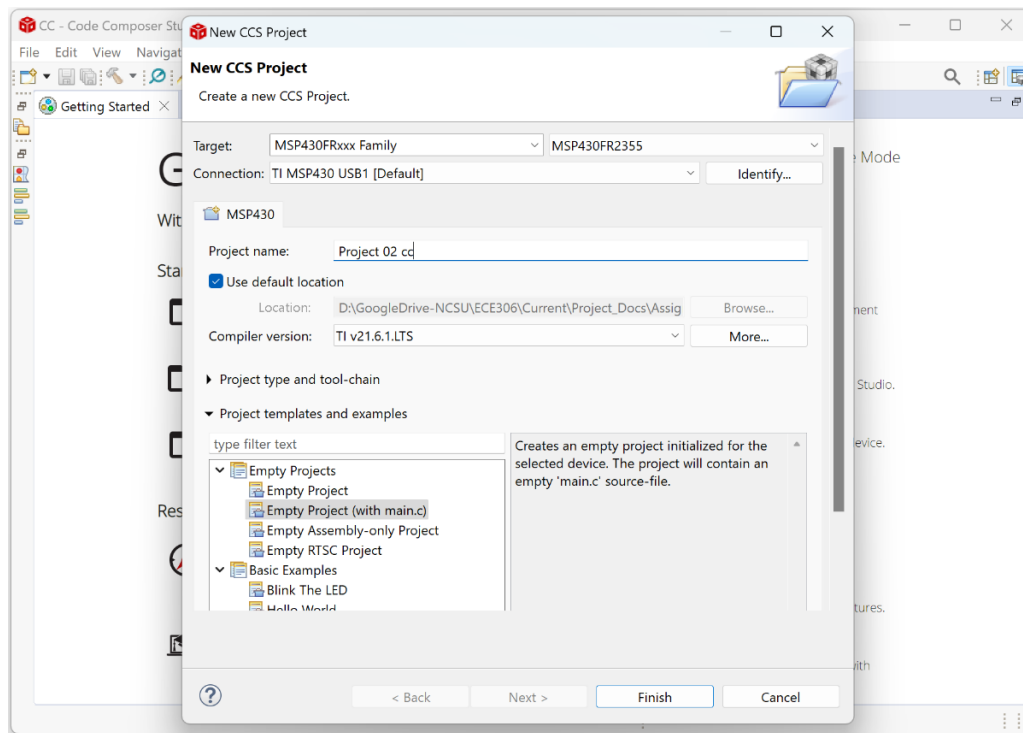
5. Click the Down Arrow to the right of the Target: Entry Box. Select “MSP430FRxxx Family”



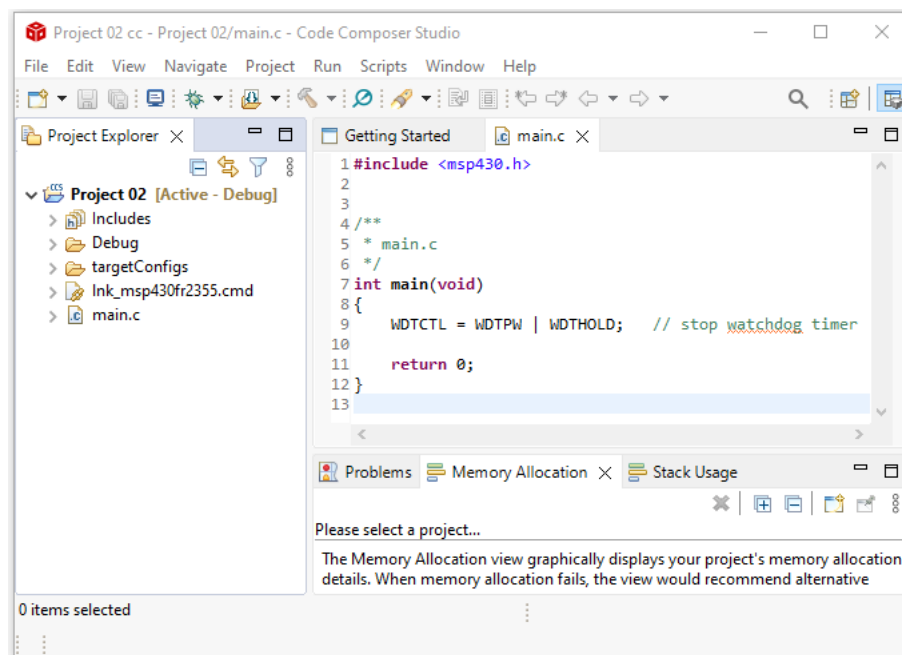
6. Click the Down Arrow to the right of the Processor Selection Box. Select “MSP430FR2355”.



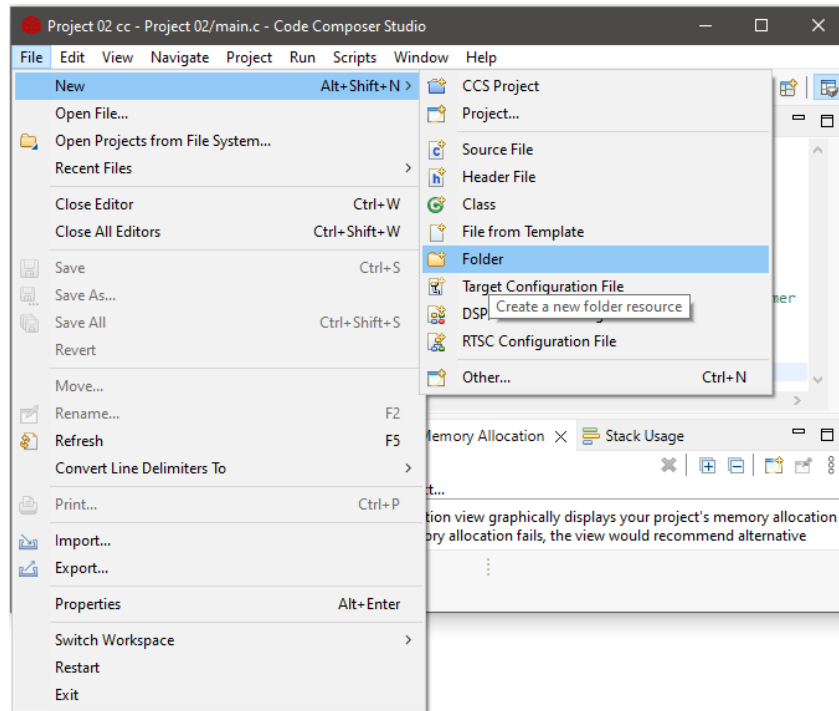
7. Enter a new Project name. Also make sure “Empty Project (with main.c)” is selected down in the lower left box. Once all has been entered, then click on Finish at the lower right of the window.



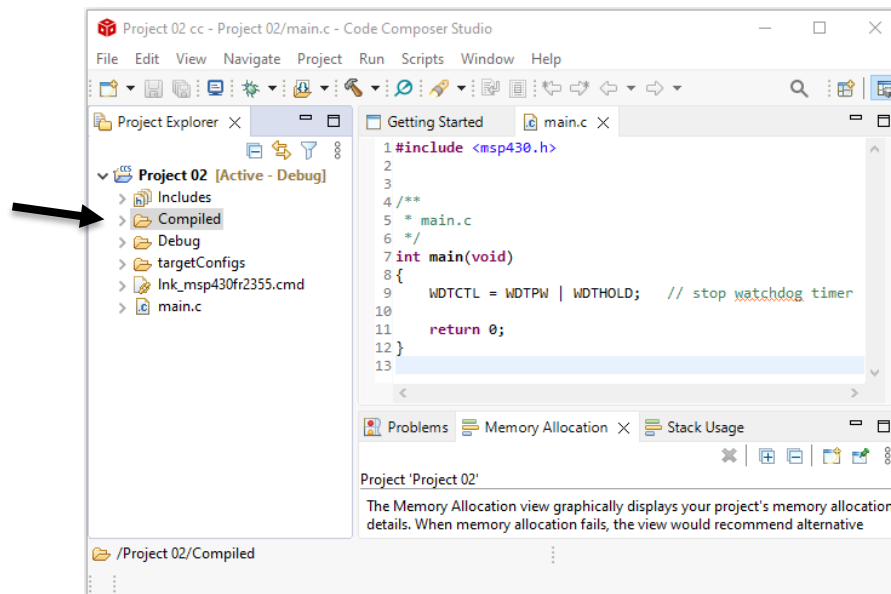
8. Once you click finish, you will then be directed to the Project Explorer screen. This is the Programming screen. On the left are the project files that are in the project. Of particular interest is a Folder “Includes”. This is the includes for Code Composer, not for your code. On the right is the Edit area for the selected files. Multiple tabs can be opened simultaneously to allow switching between files when working on code.



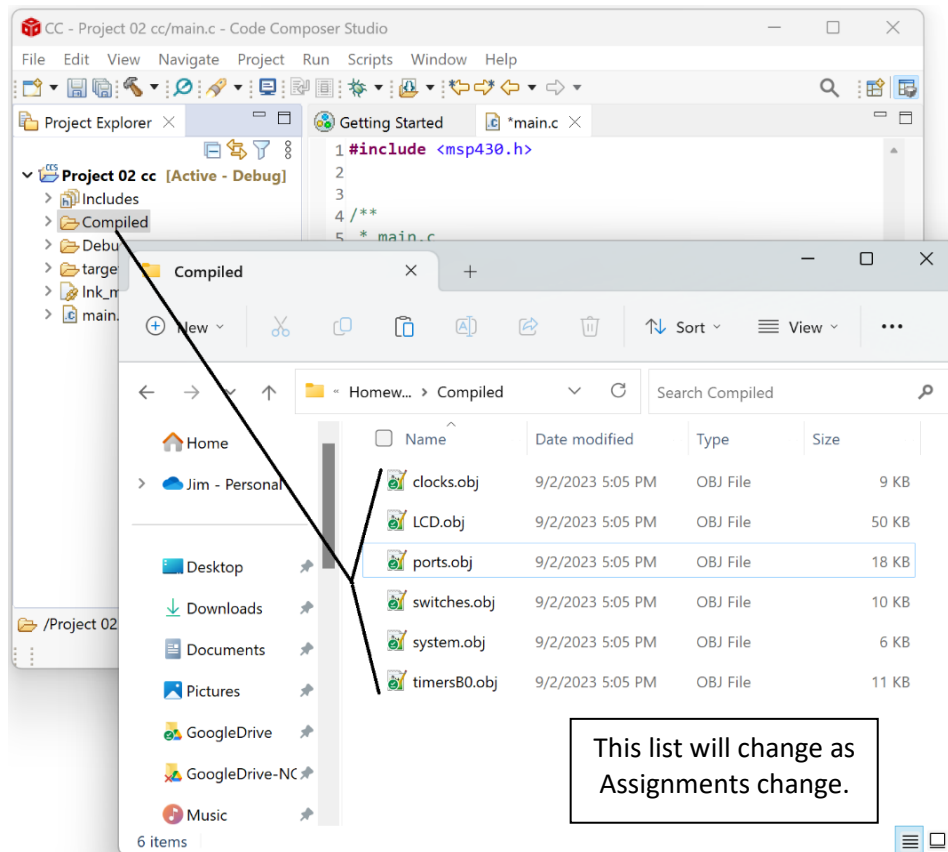
9. You will create a separate “Compiled” Folder for any source files that are pre-Compiled. To create a new folder: Select File > New > Folder and name it “Compiled”



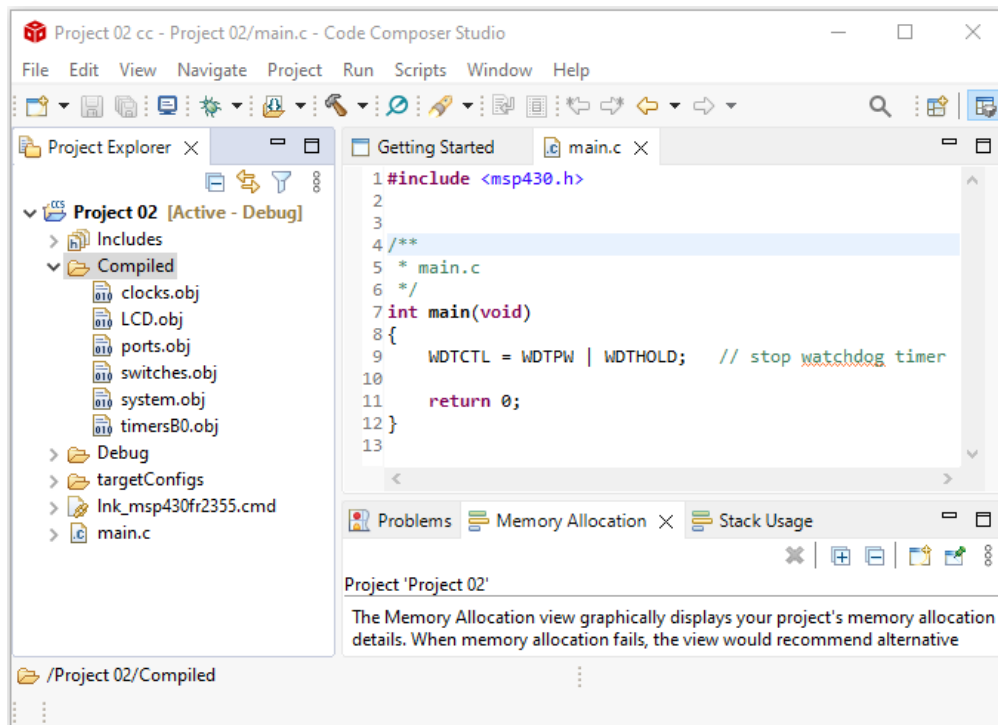
10. Now if you click on the > next to “Project 02” you will see the image below the folders contained in “Project 02” including the Compiled directory you created above.



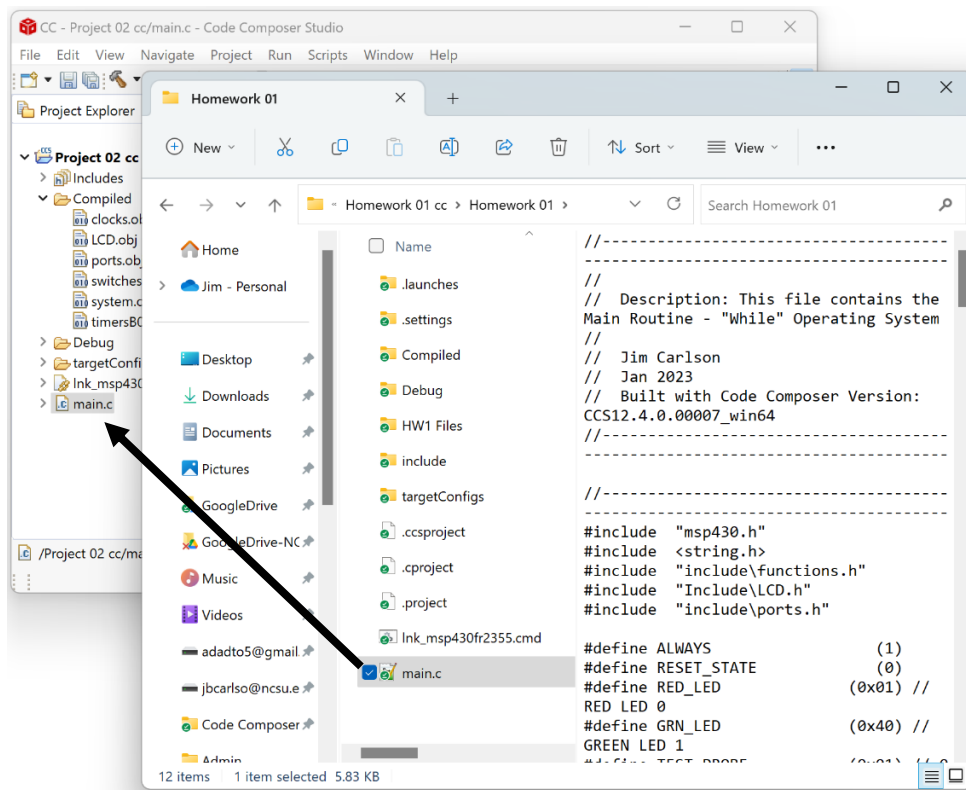
11. In the image below, the left image in the back left is Code Composer with the Compiled Folder selected, The Window on the right is a Windows File Manager window. The Window contains the “*.obj” files from the Homework 01 Project Windows File Manager to the Compiled folder.



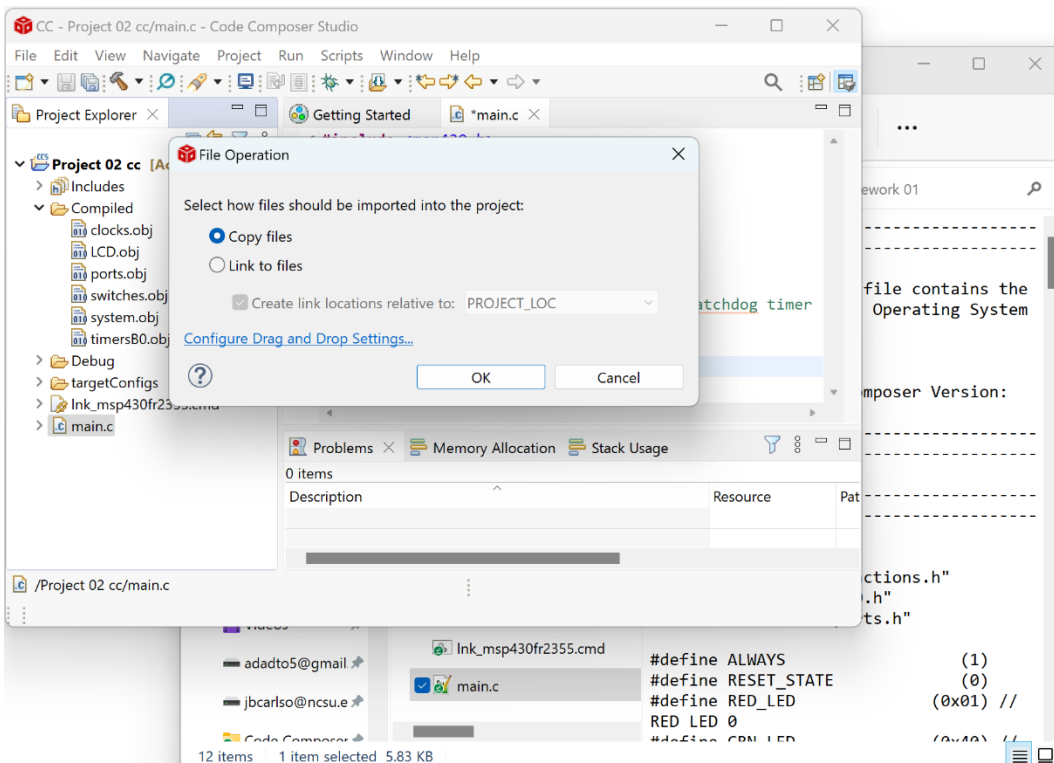
12. Back in Project Explorer Window Expand the Compiled Folder and insure the “*.obj” files are present.

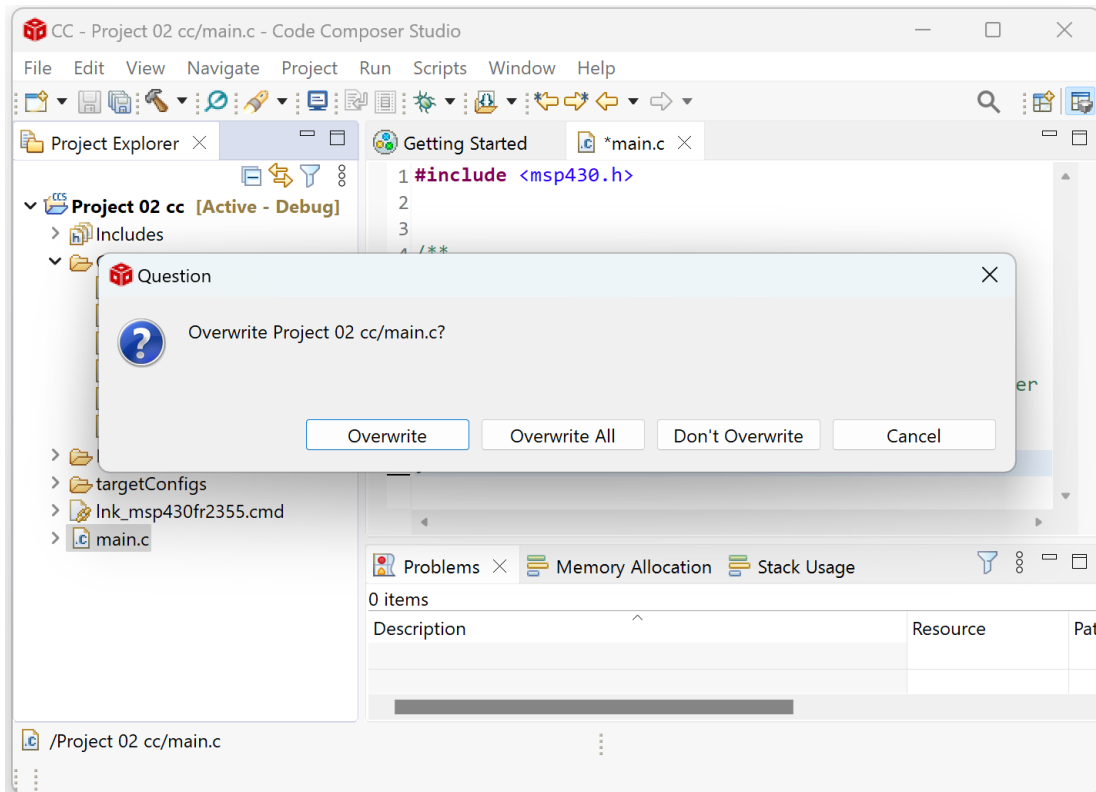
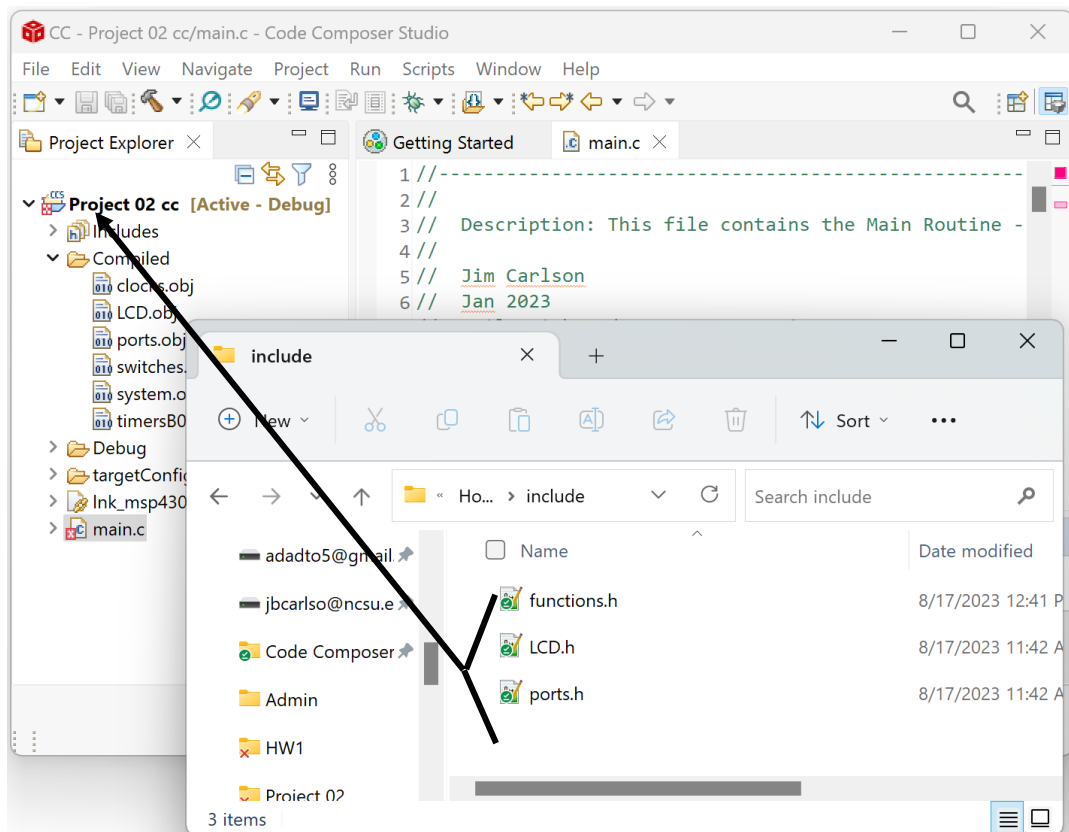


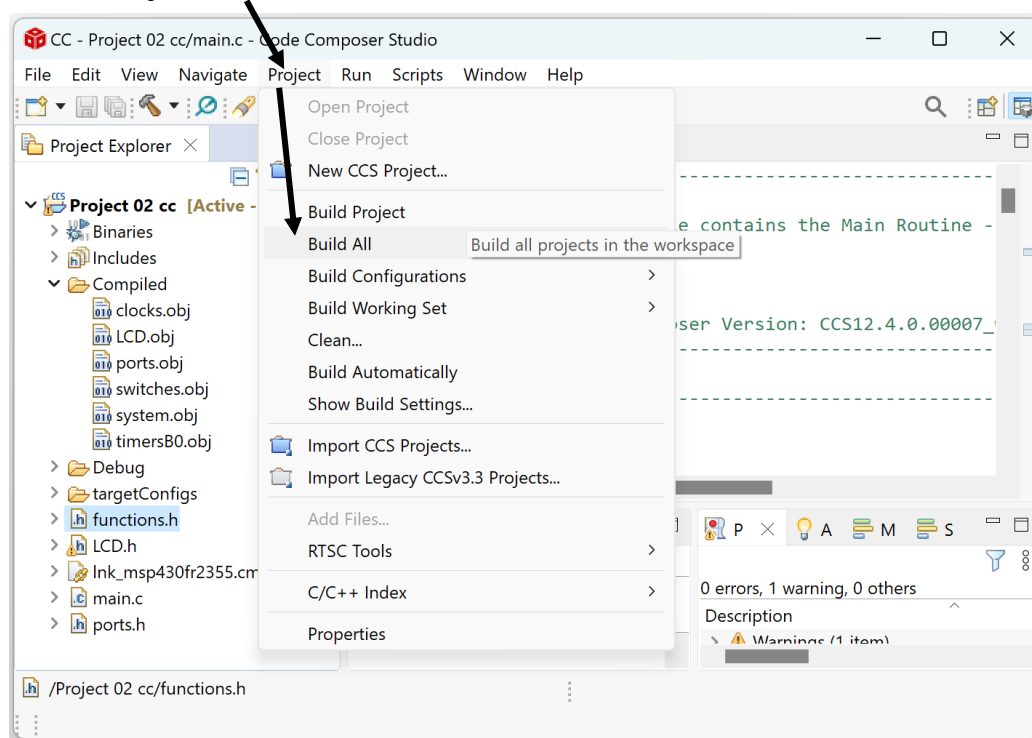
13. Next is to repeat the process for the “*main.c”. Drag and drop the new main.c on the current main.c.



14. Getting this message is a good sign that the replacement will occur.



15. Select Overwrite.**16. Add The *.h files. Drop them on the Project line.**

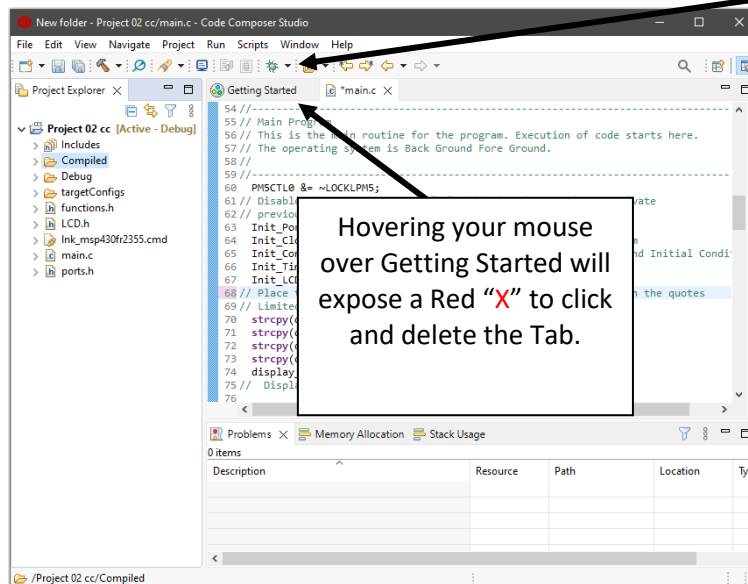
17. Perform a Project Build all.

18. Now is a good time to save your work. If you have been saving, good job. If not, habits need to change.

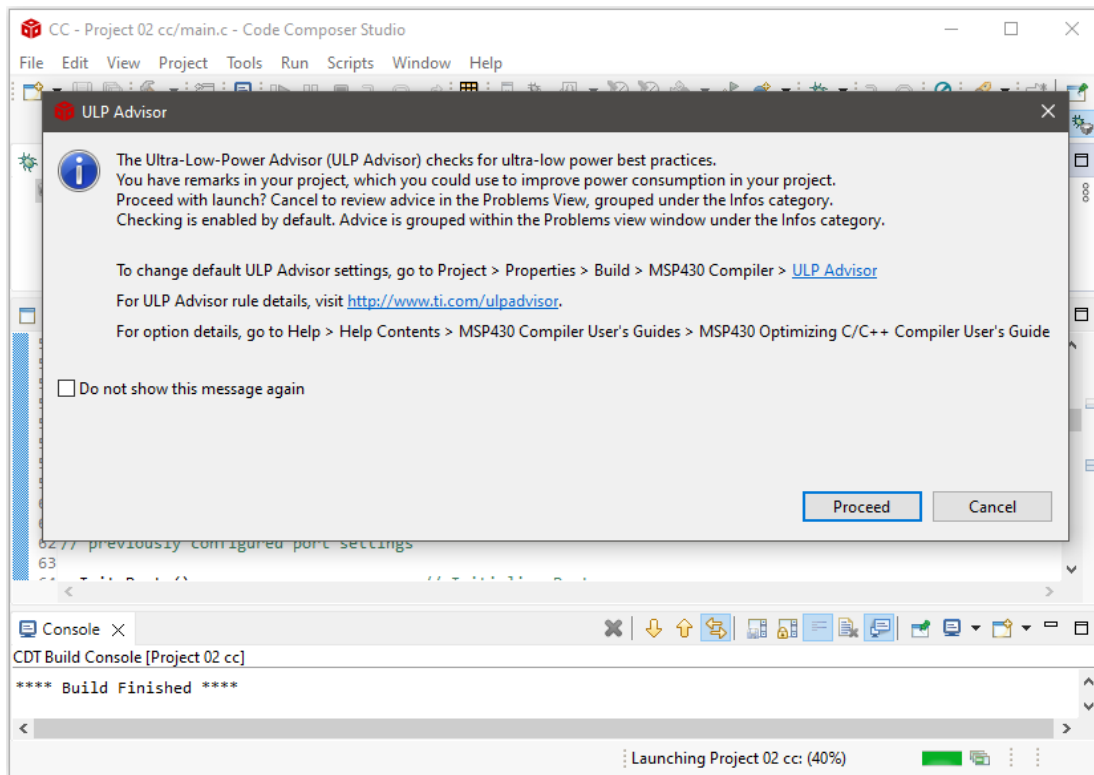
19. The windows provided below may be different from what you get. Code Composer offers great Flexibility in how you configure the tool. Discuss options with your TA.

20. Connect your MSP430FR2355 Evaluation Board to your computer via the USB cable. Do not have your Power/Display board attached.

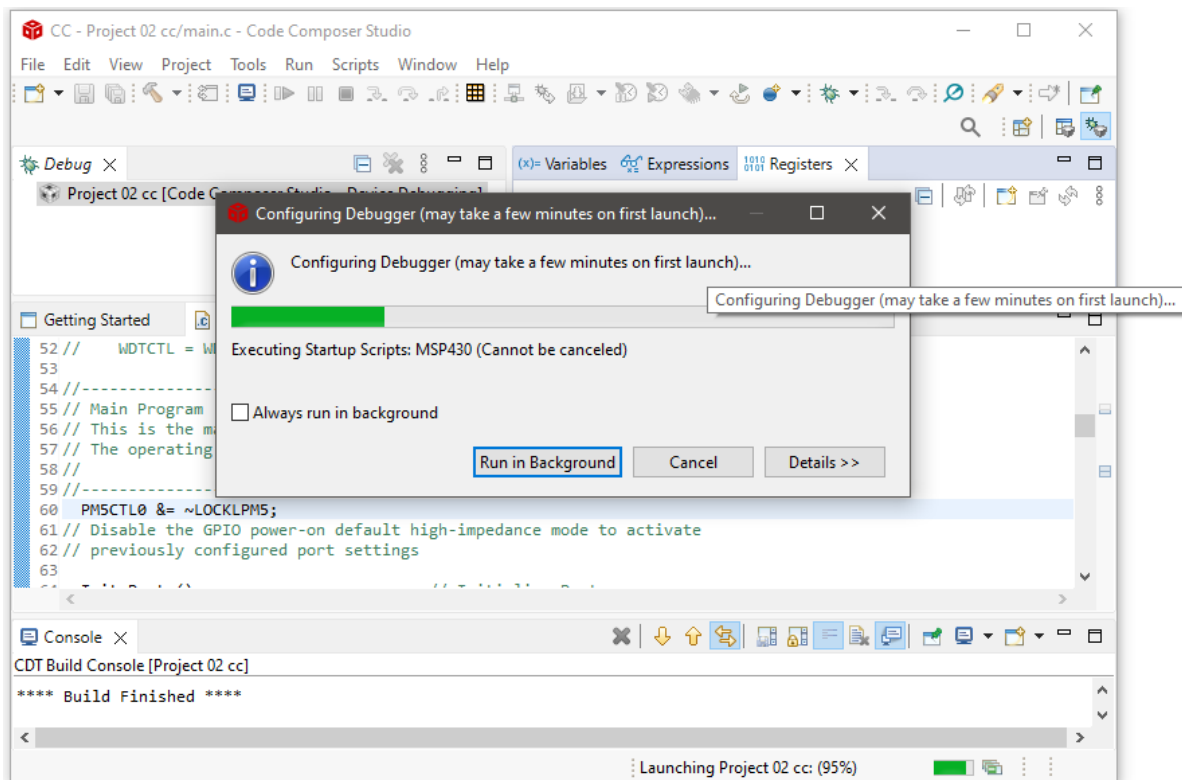
21. Delete “Getting Started” configure the Code Composer and Click De”Bug” Icon.



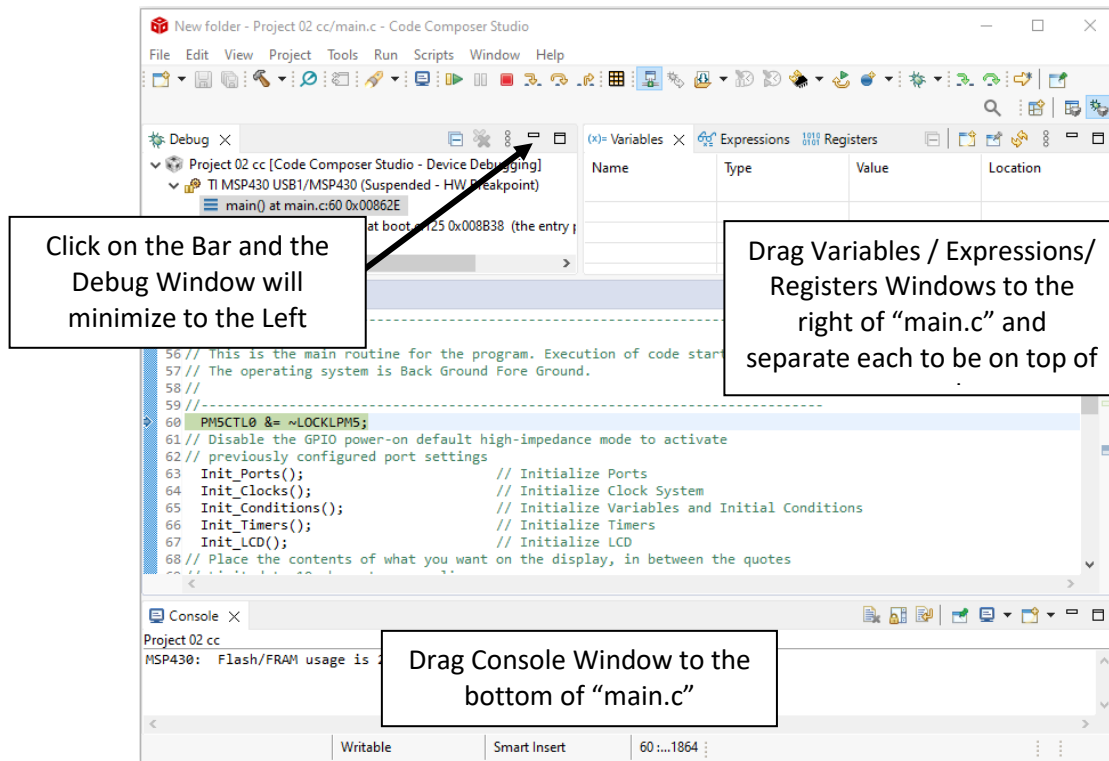
22. The following Message is presented. It is information only and not an indication of a problem.



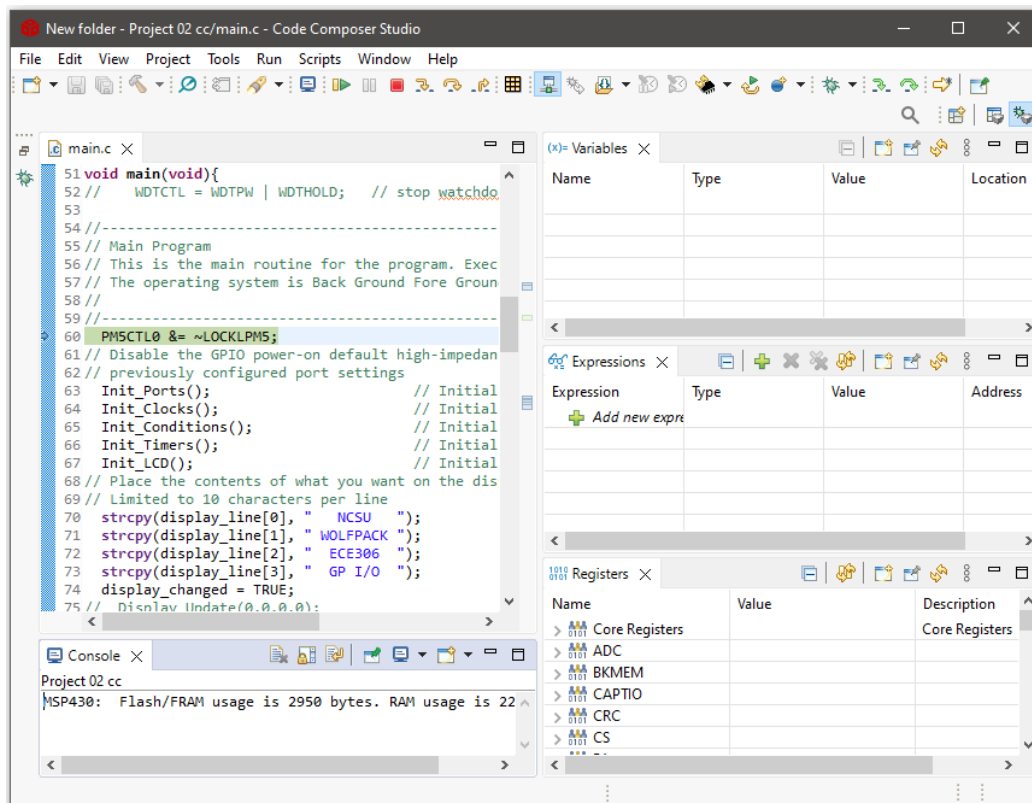
23. A configuration window may pop up. Just wait and it will disappear.



24. Below is how my Code Composer opens up. The first task is to arrange windows to your choosing. Solicit help from the TAs



25. The following shows how I arrange them. You need to configure what helps you.



26. Your MSP430FR2355 Evaluation Board is now programmed. Halt Code Composer by Clicking on the Red Square at the top of the Window.

