

# CCS 5 Tutorial

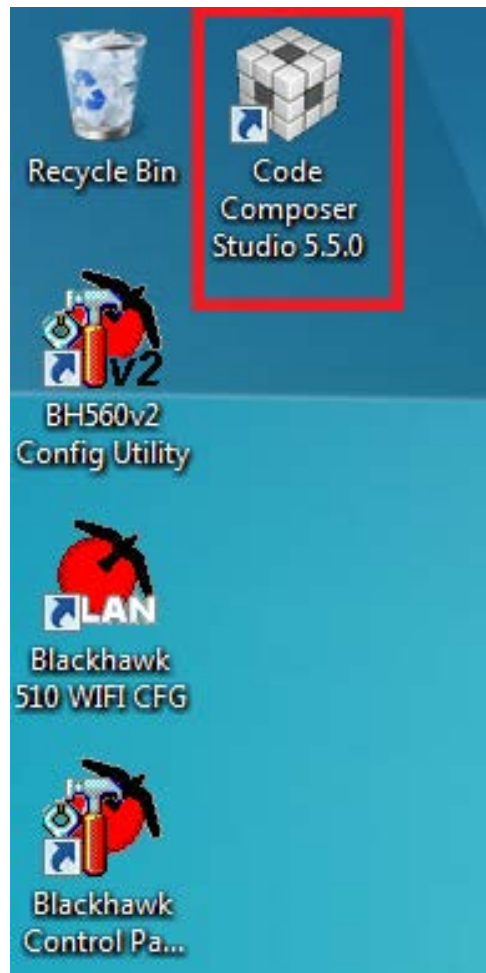
Creating New Projects in CCS 5

Running Programs on LCDK

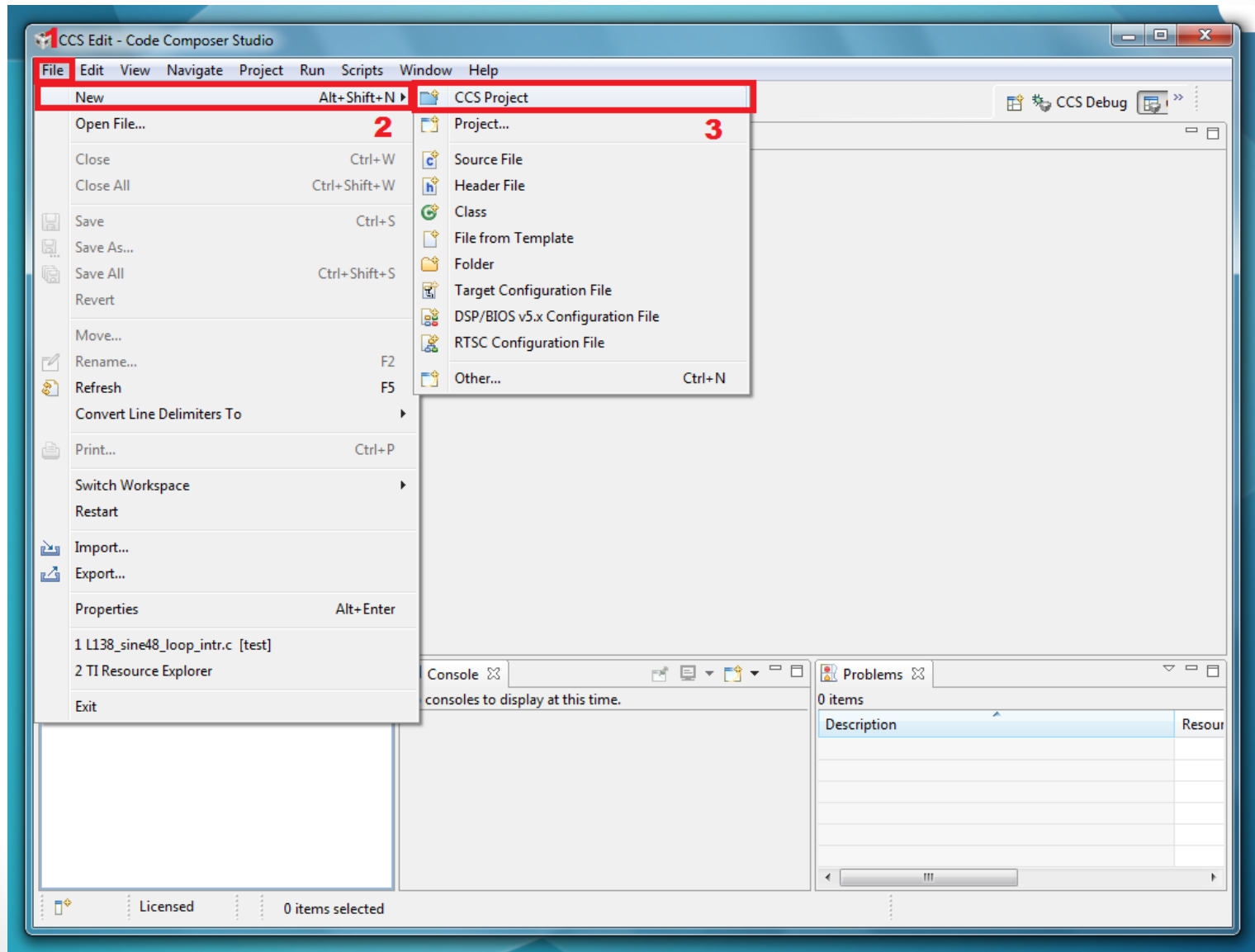
Opening Existing Projects in CCS 5

# Creating New Projects

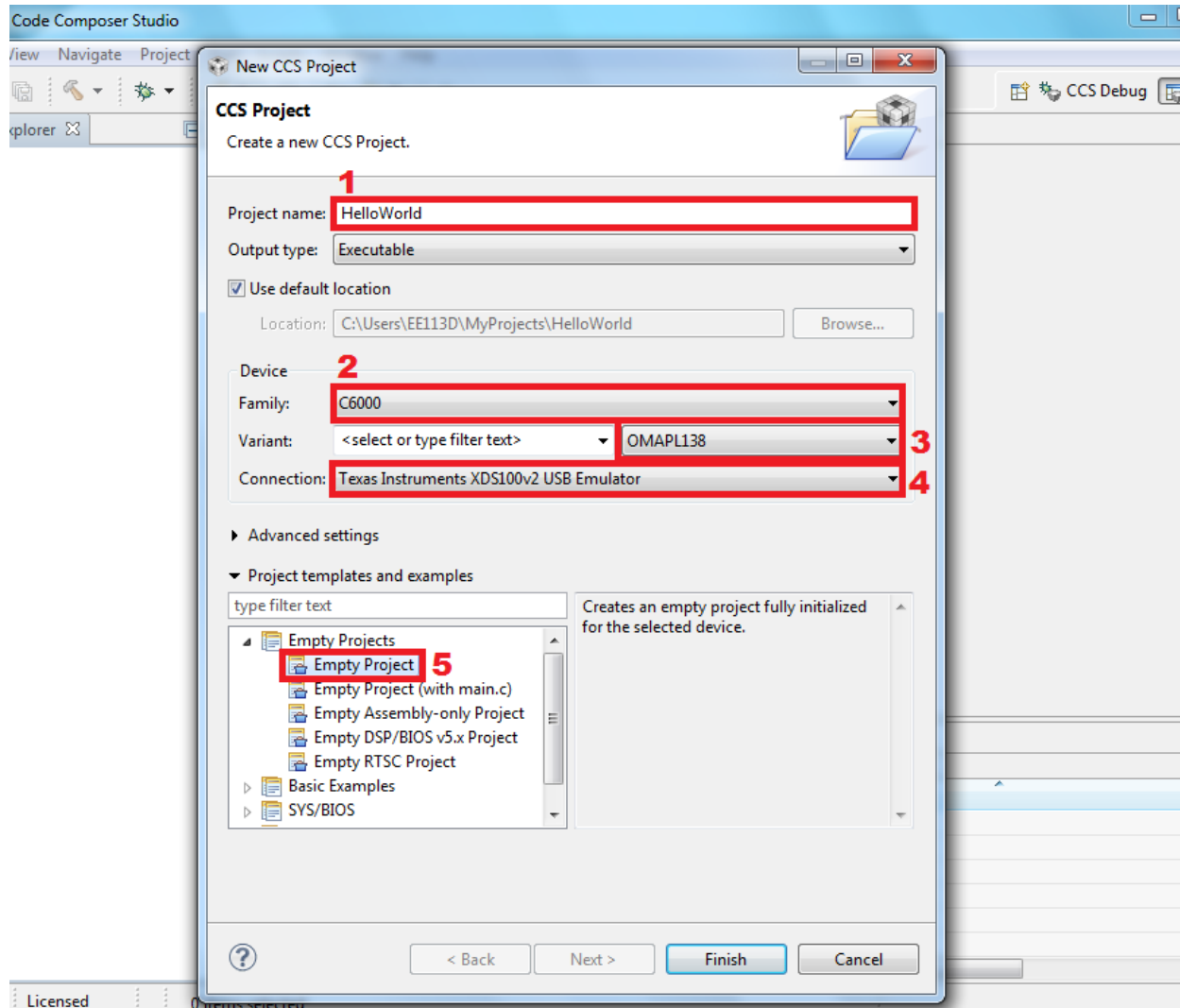
# Opening CCS 5



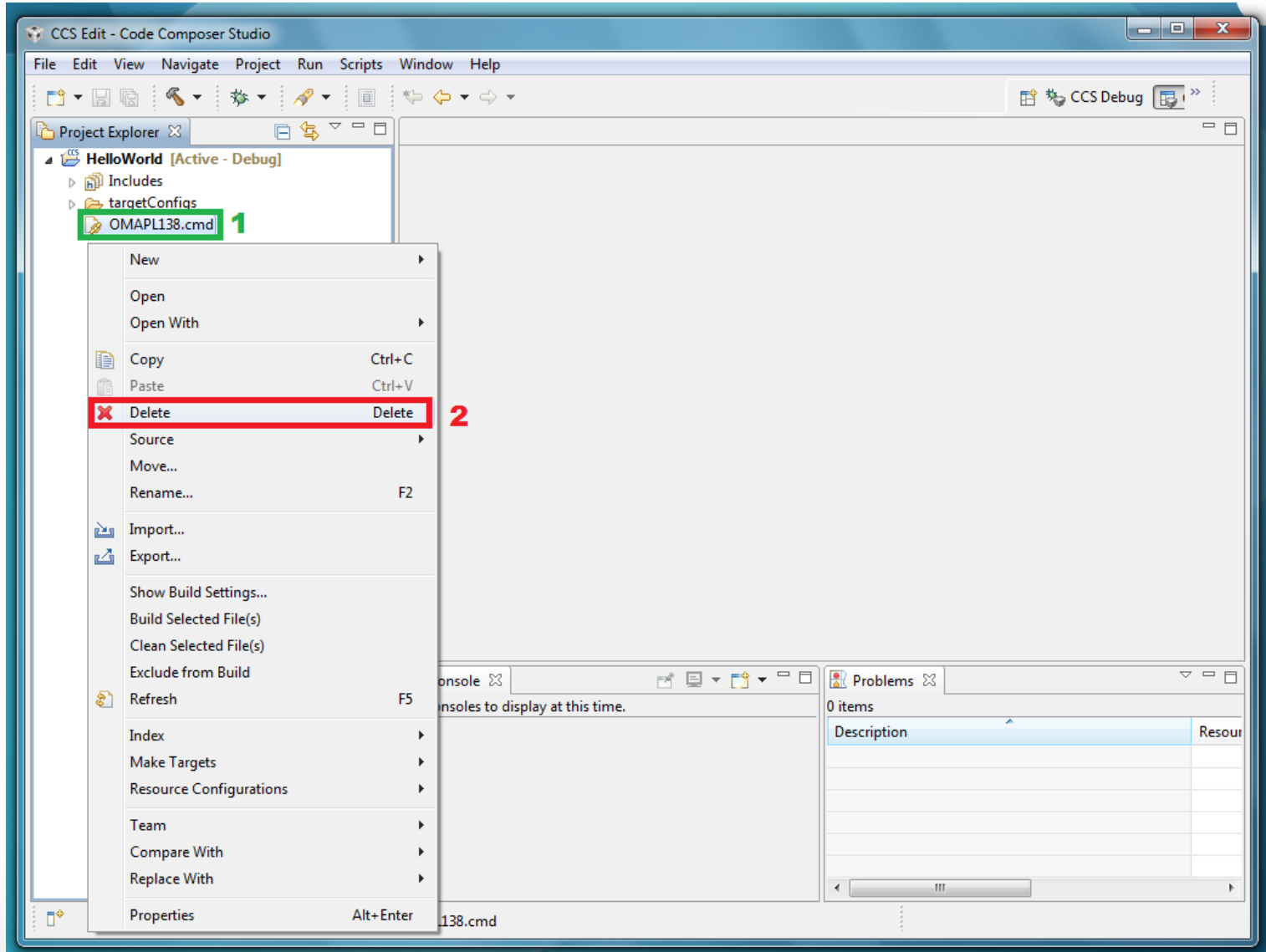
# Creating a New Project



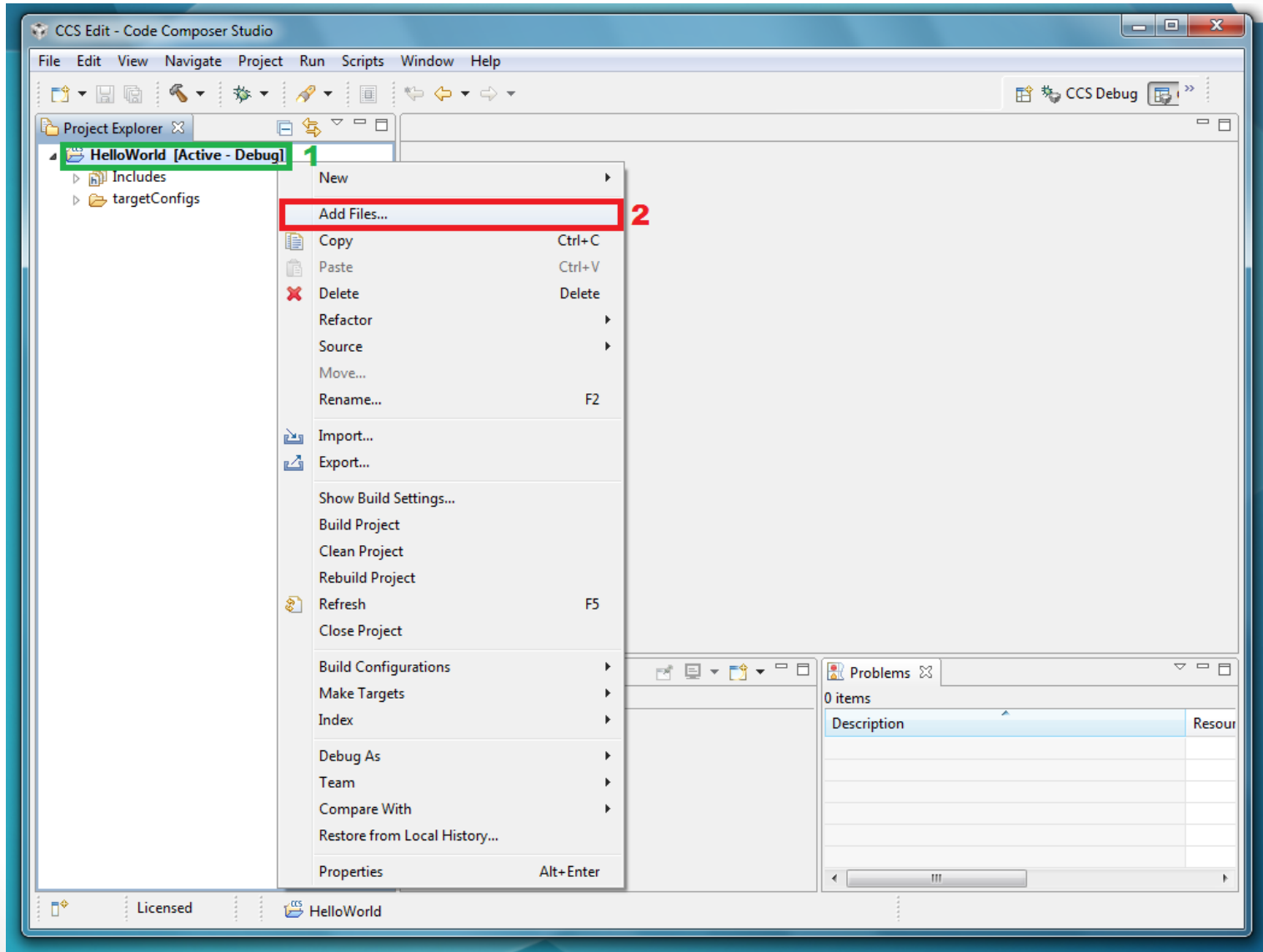
# General Set-up of the Project



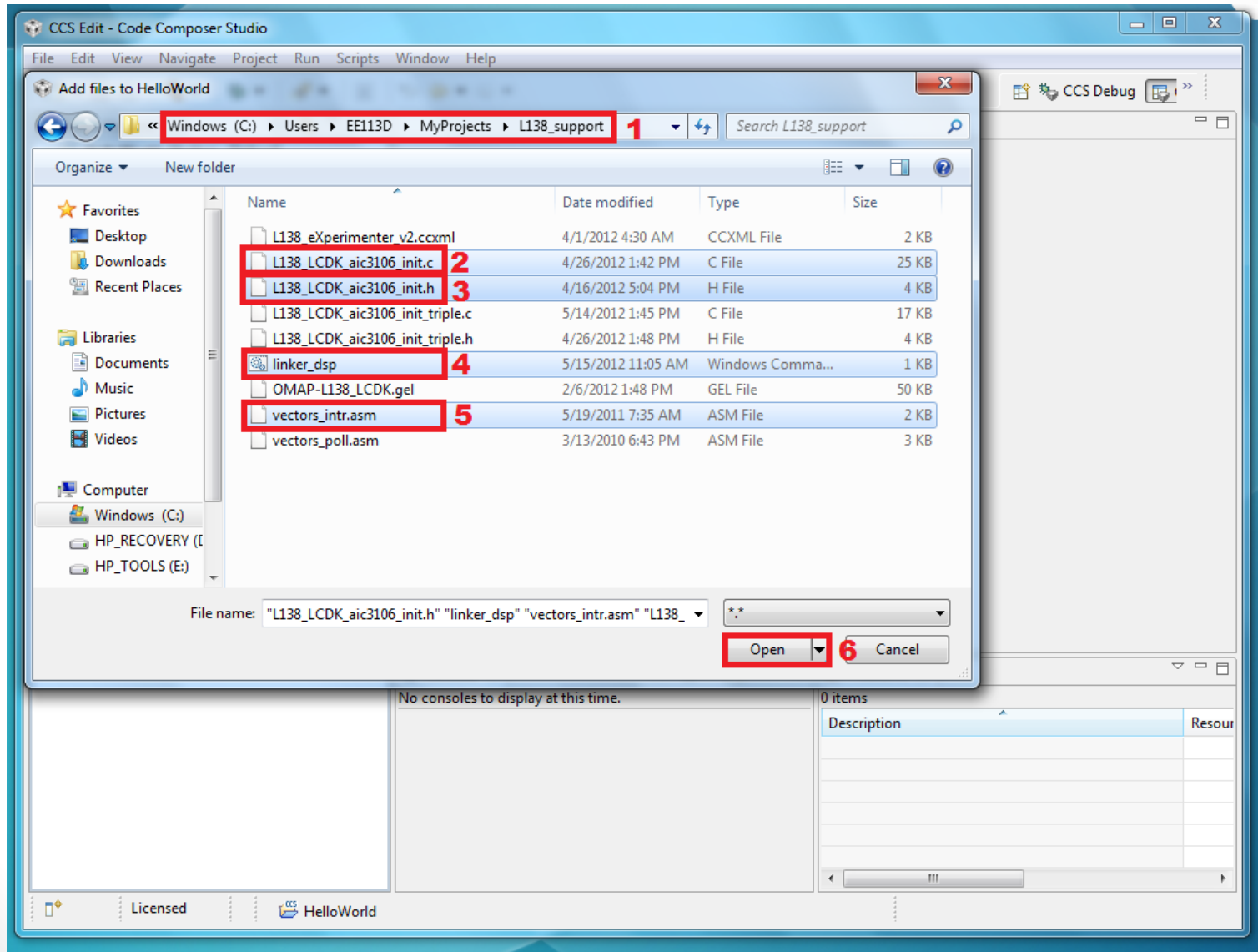
# Delete the existing .cmd file



# Add Support Files - 1

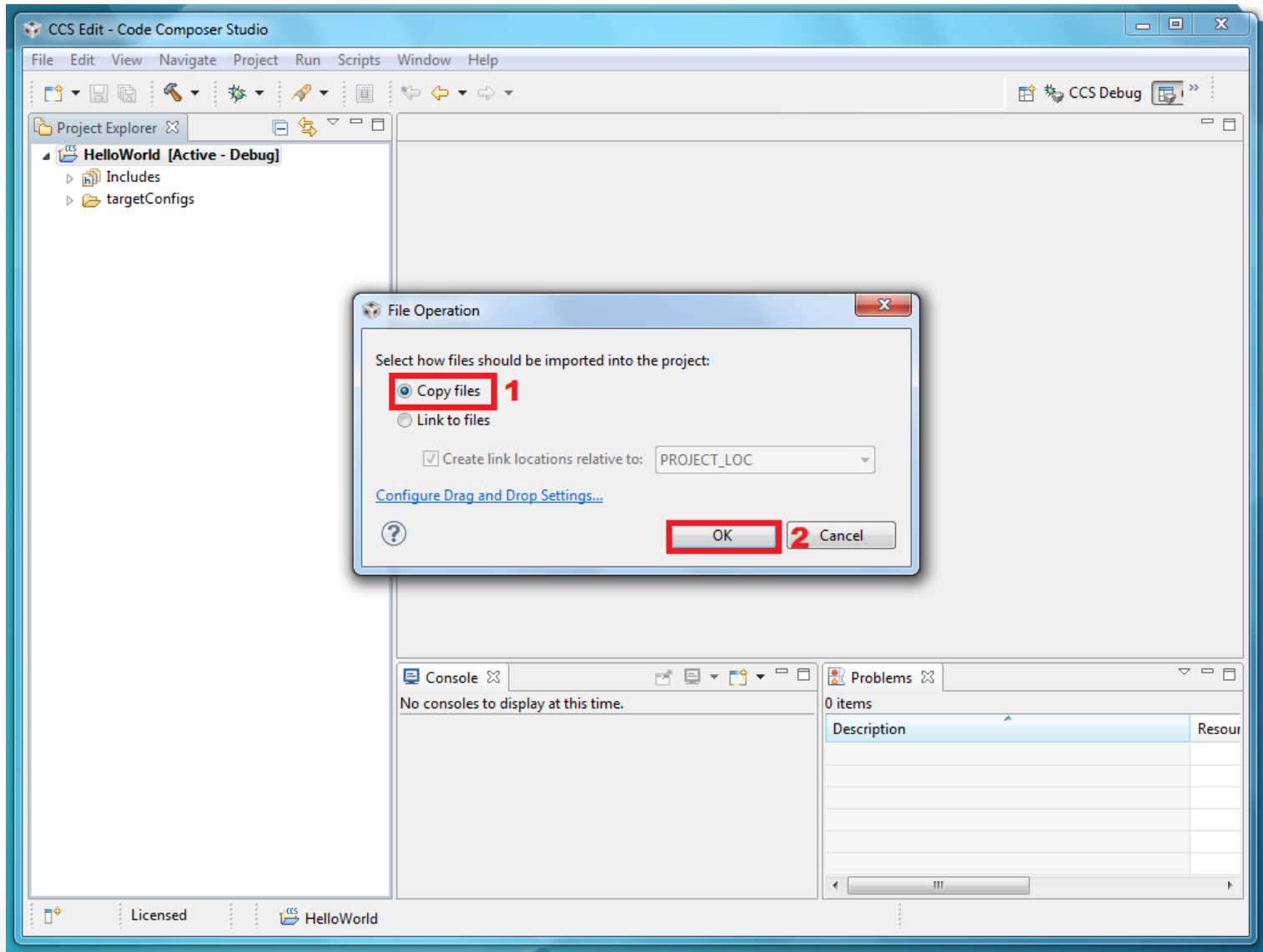


# Add Support Files - 2

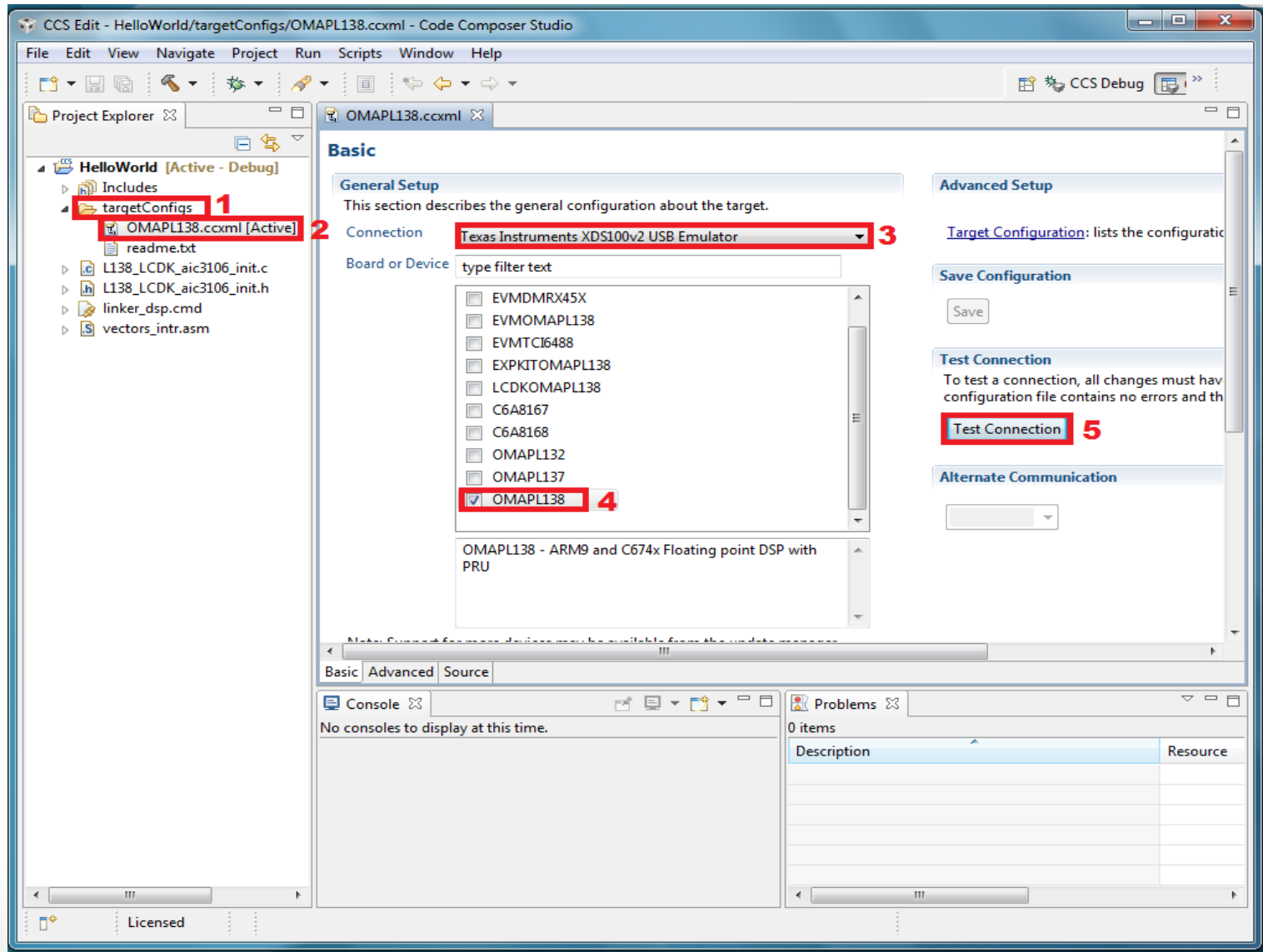




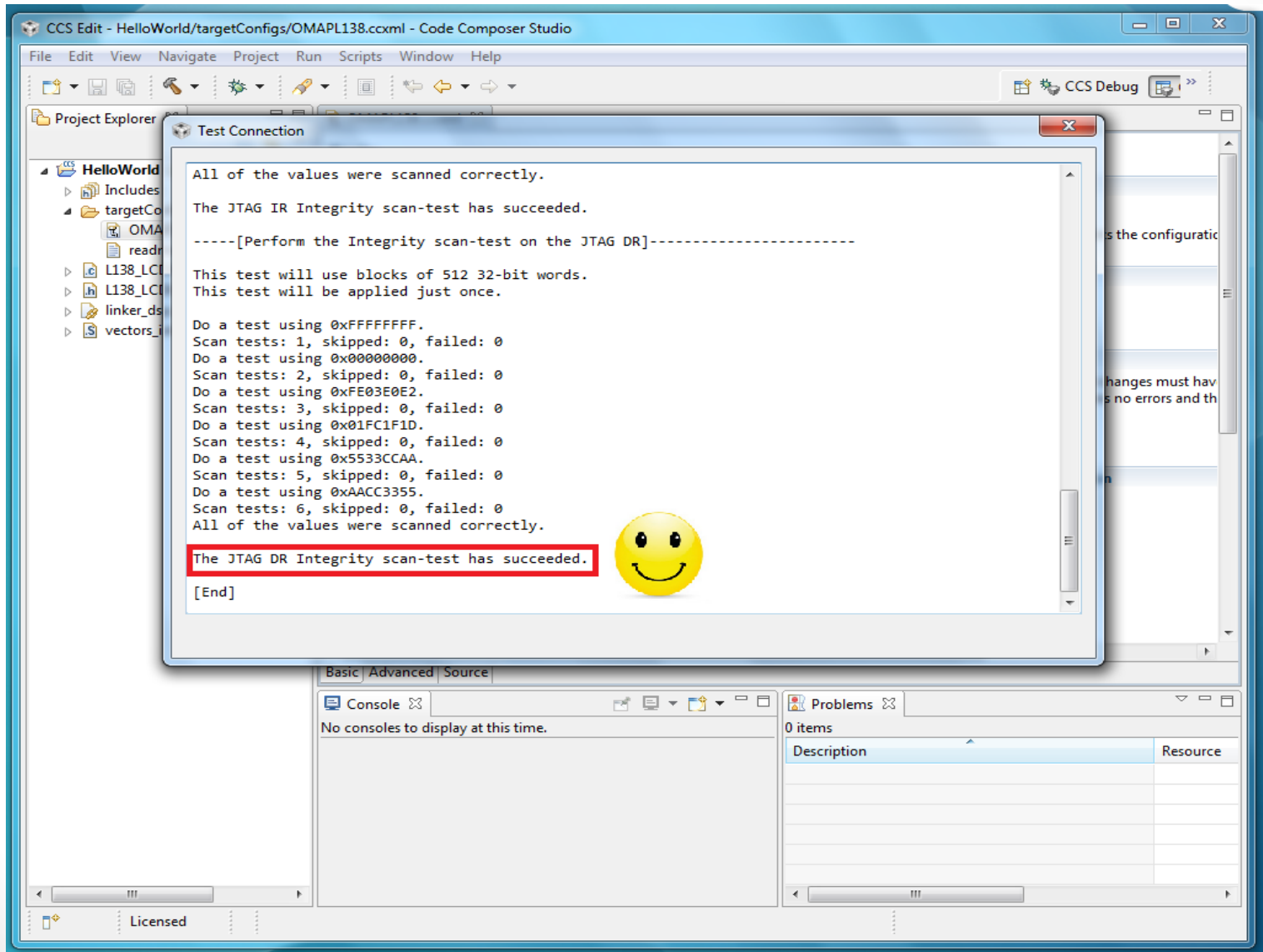
# Add Support Files - 3



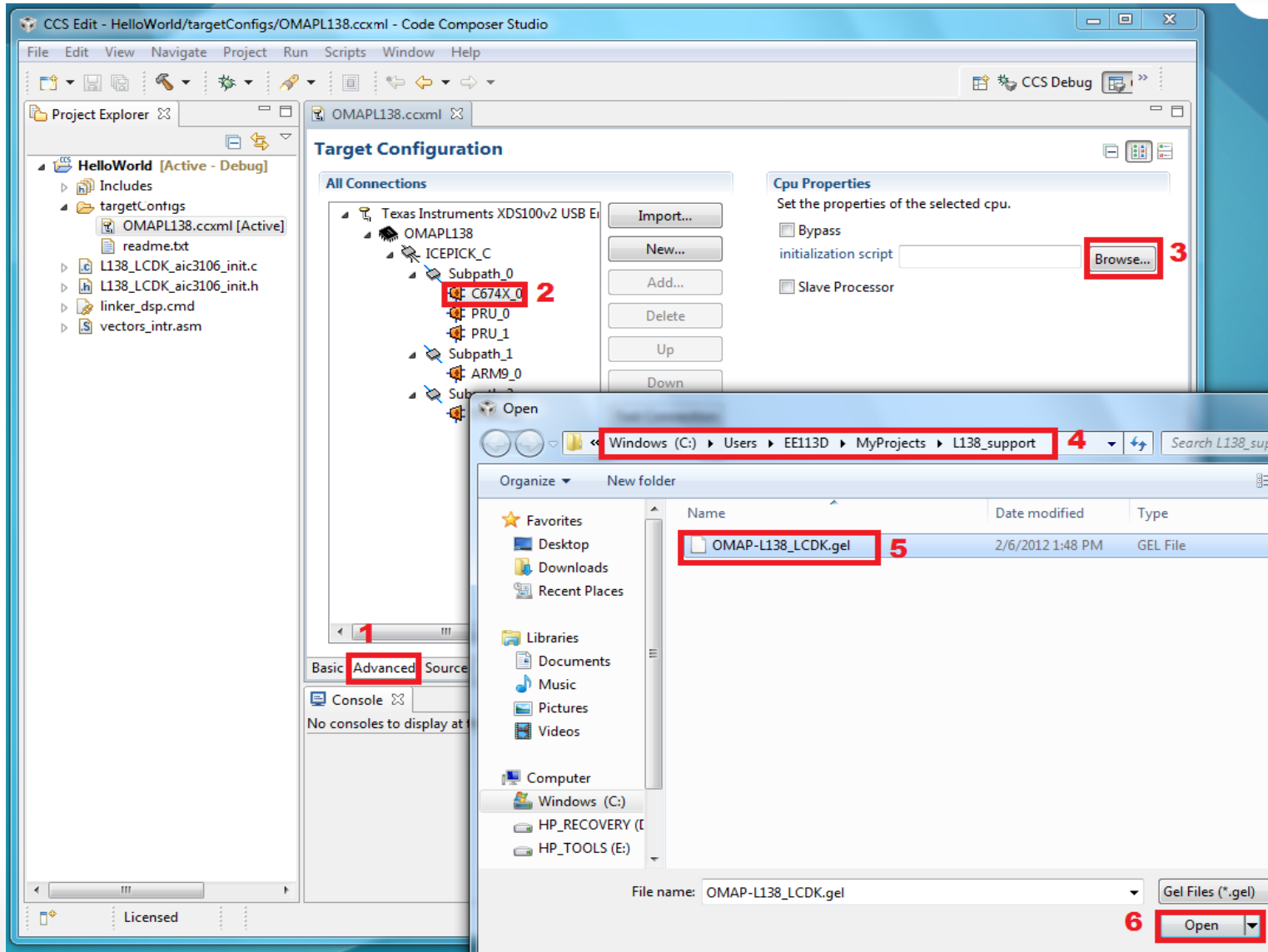
# Test Connection to LCDK



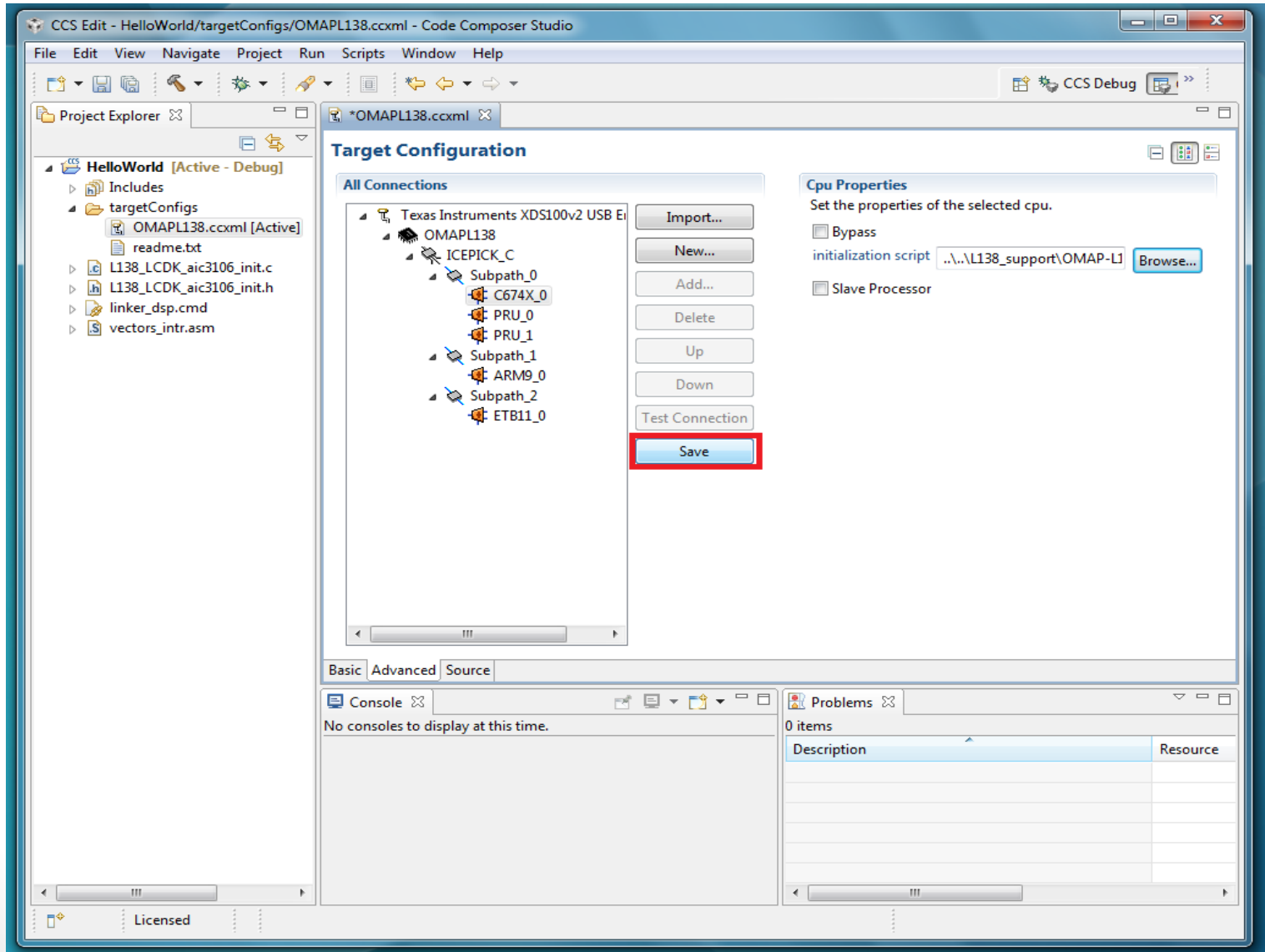
# Successfully Connected



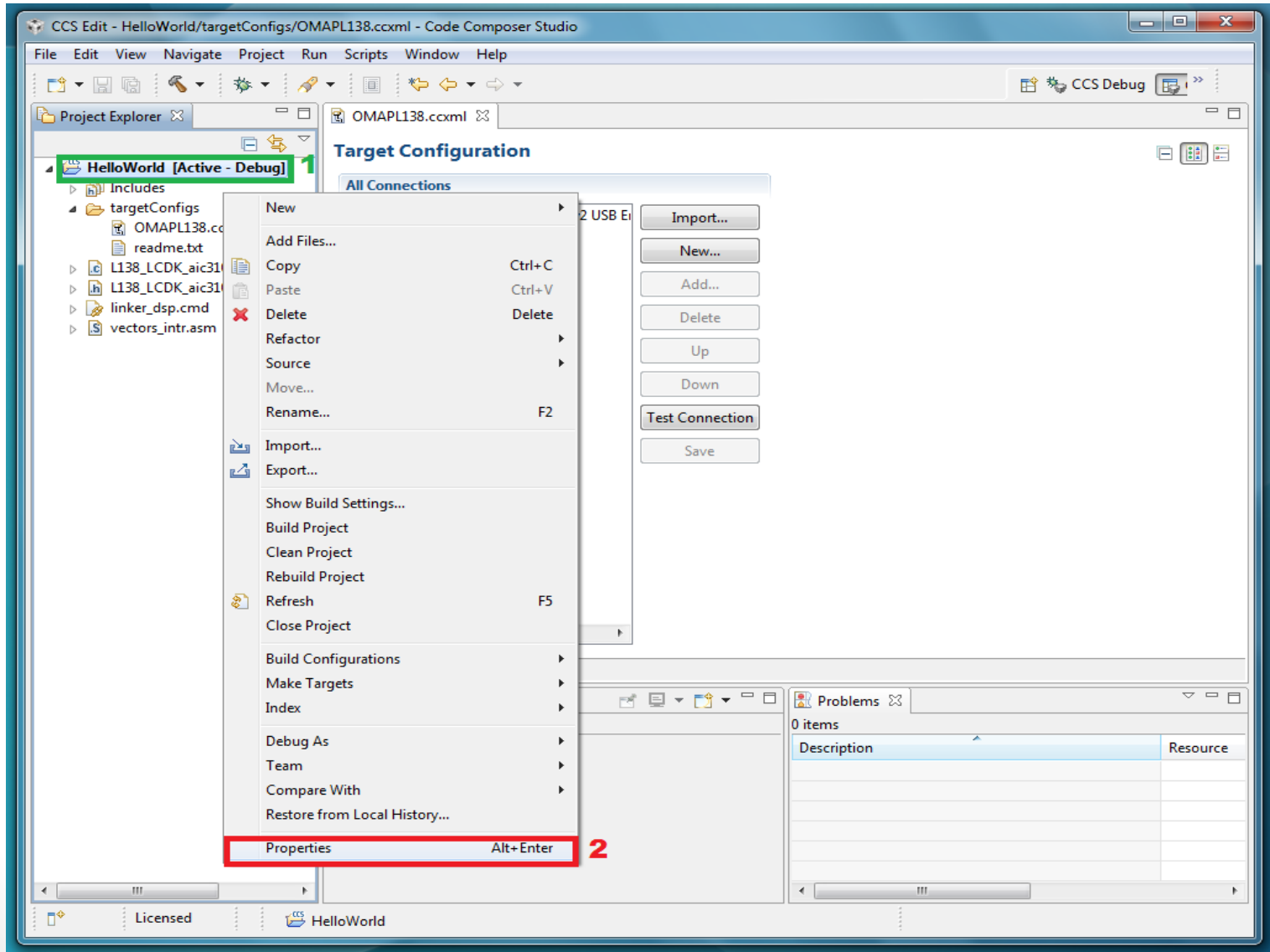
# Include the .gel File - 1



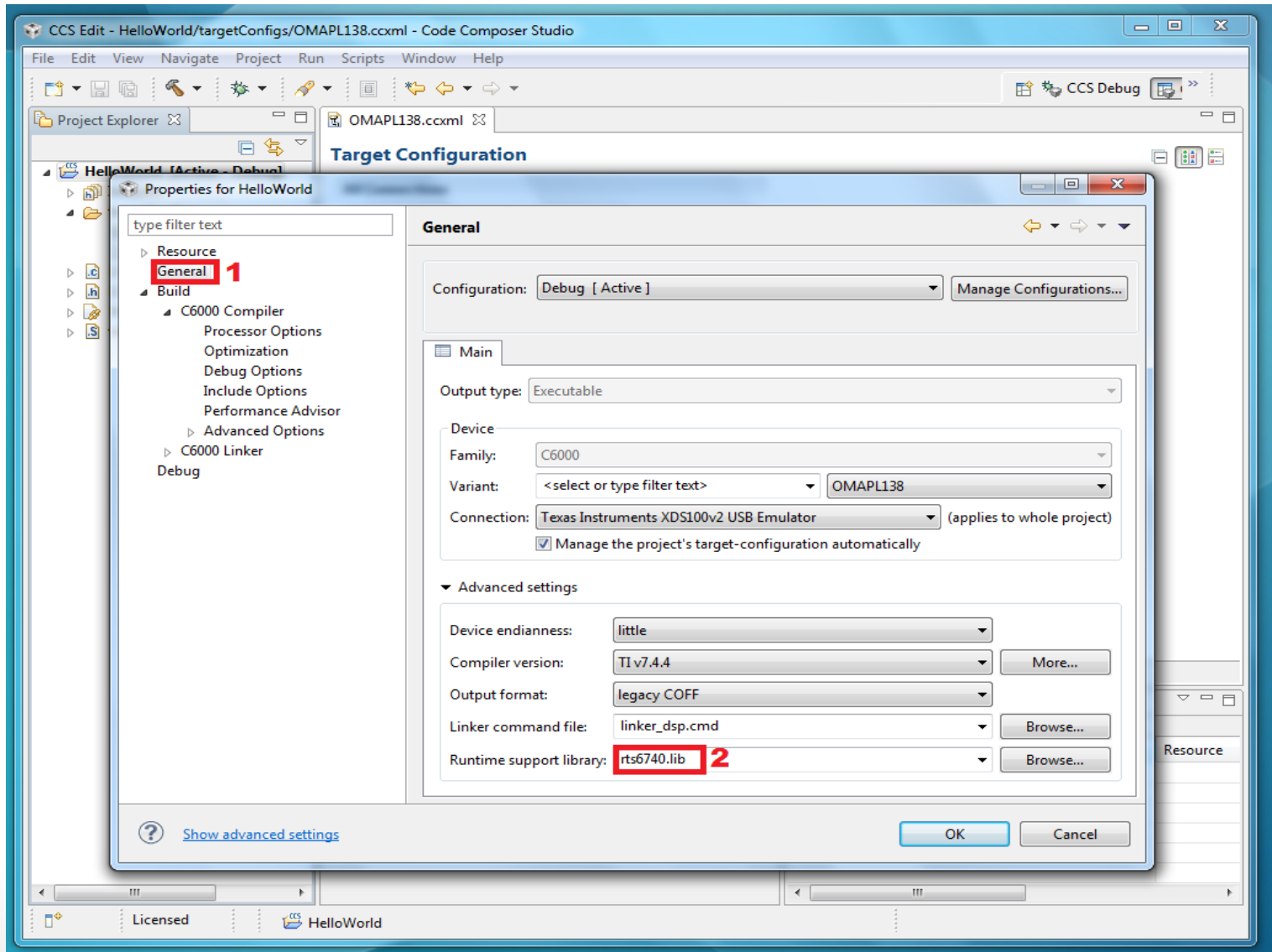
# Include the .gel File - 2



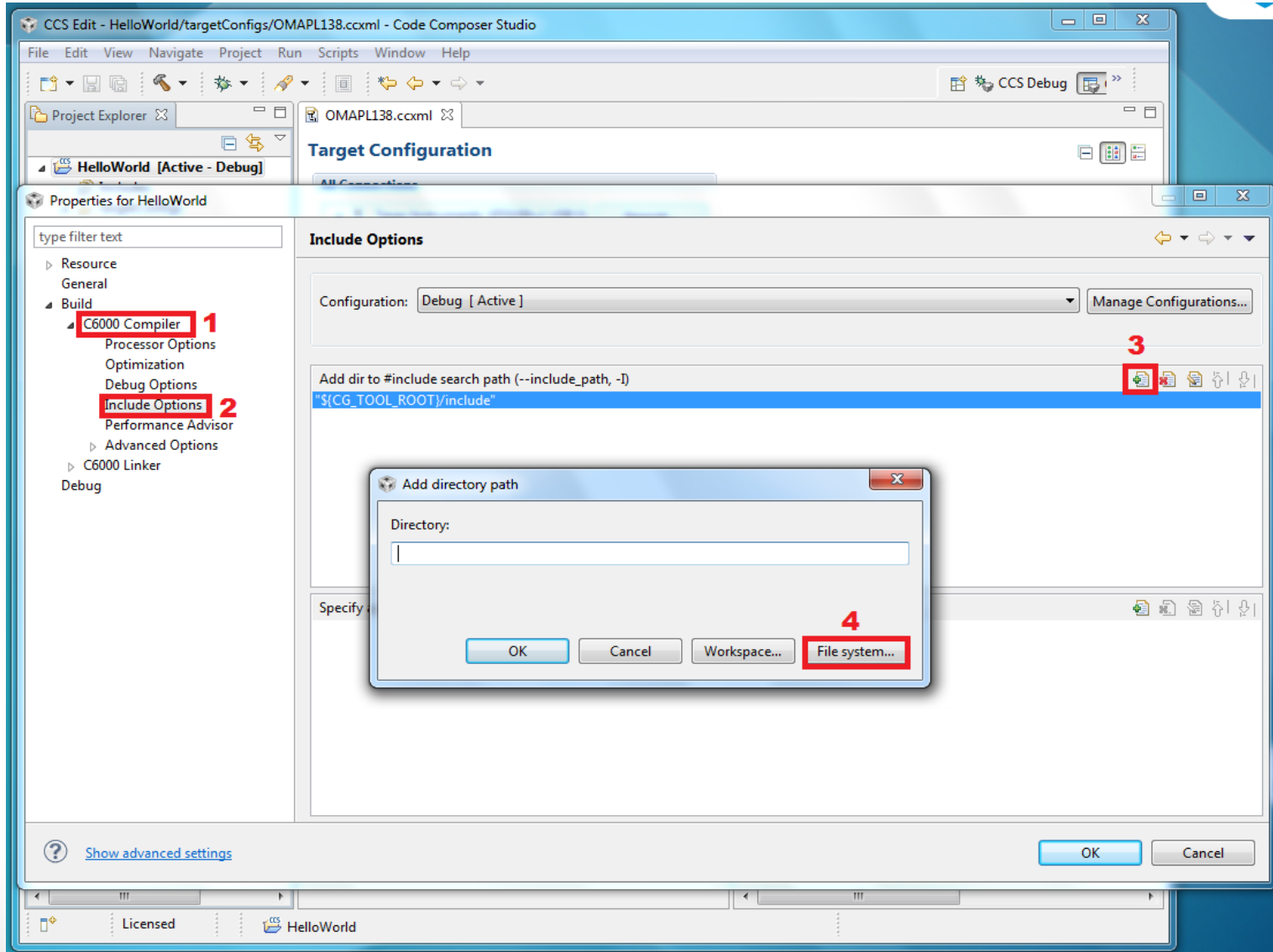
# Set Properties of the Project



# Set the Run Time Support Library

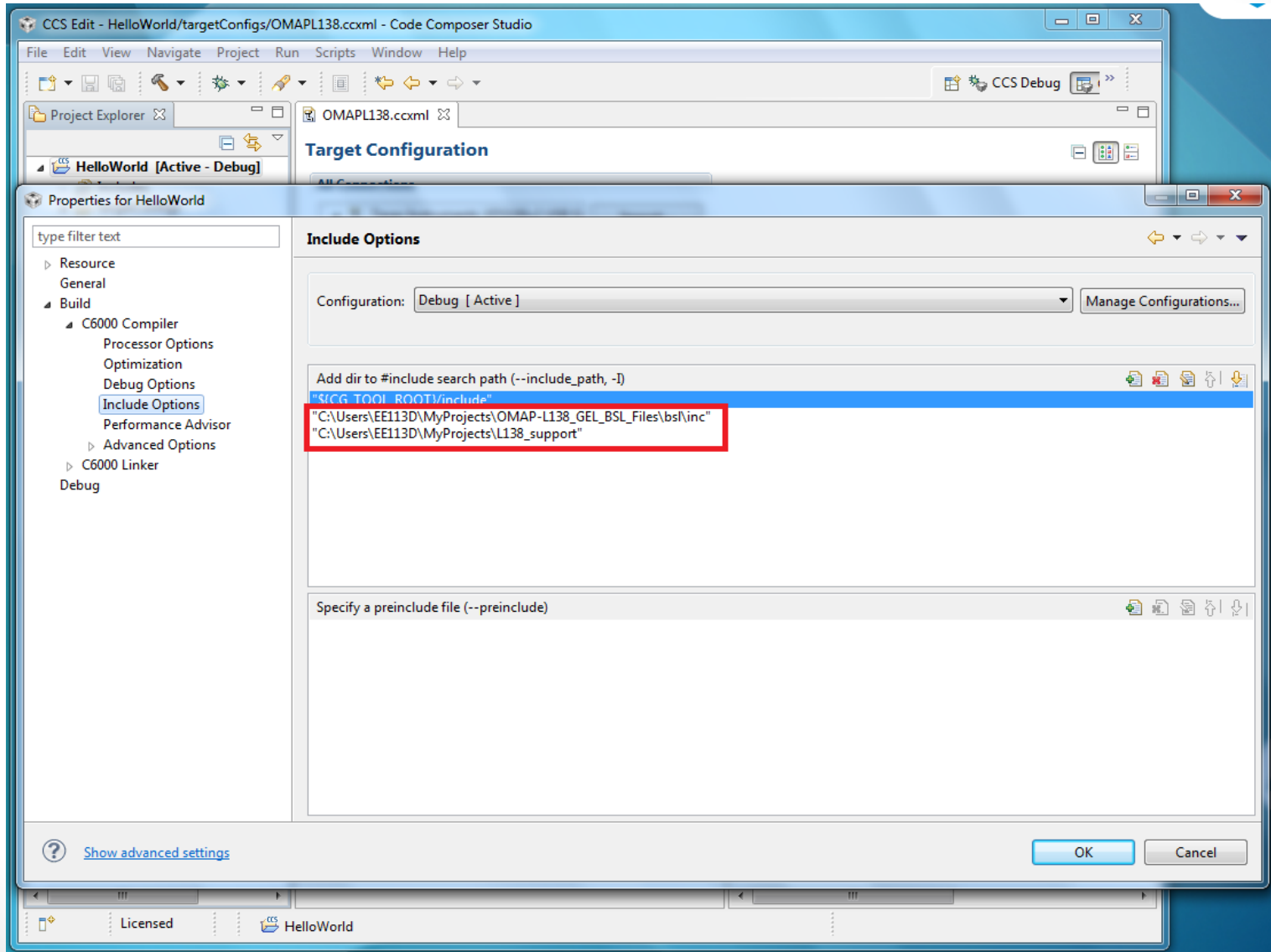


# Set Include Options - 1

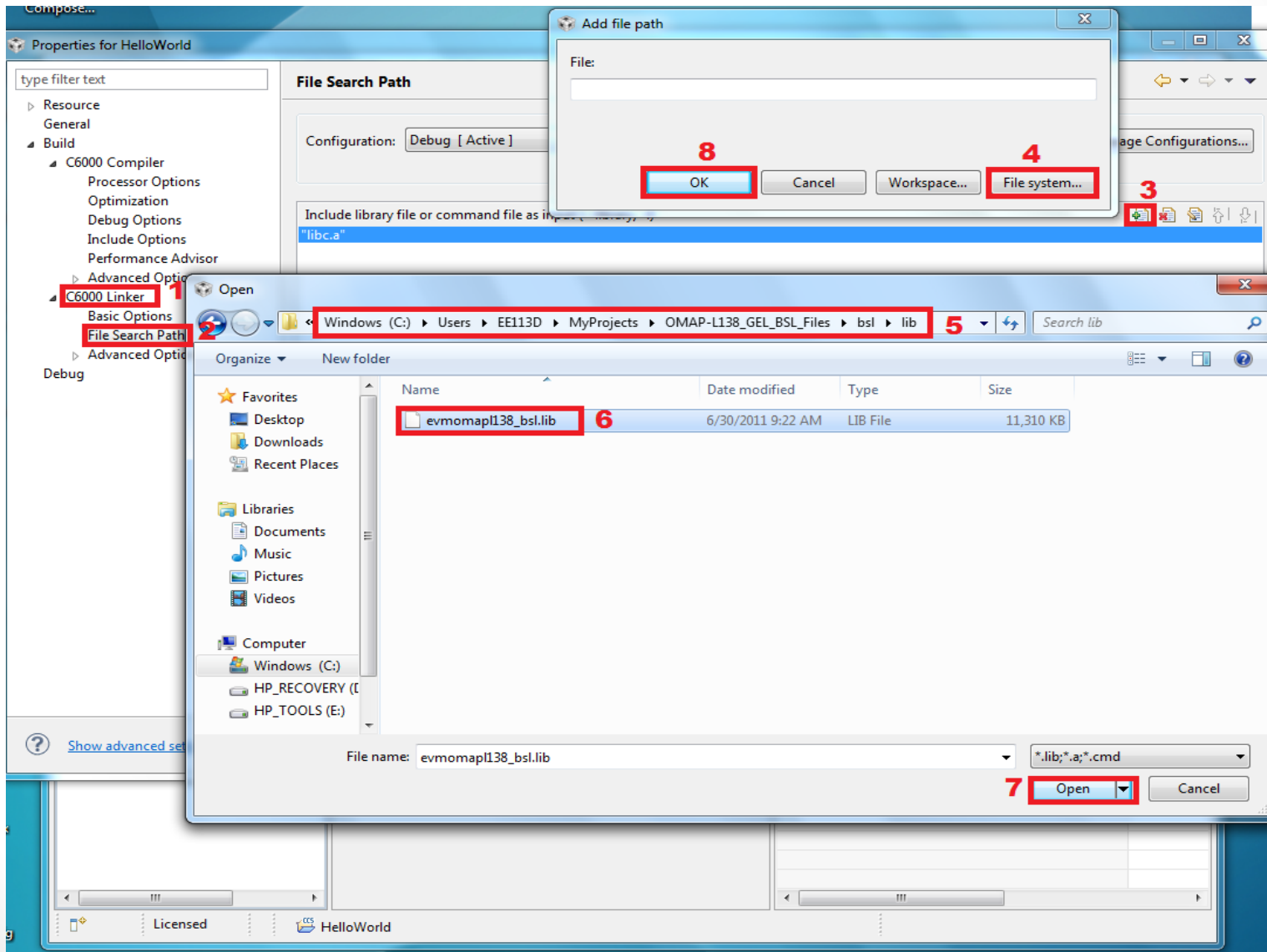




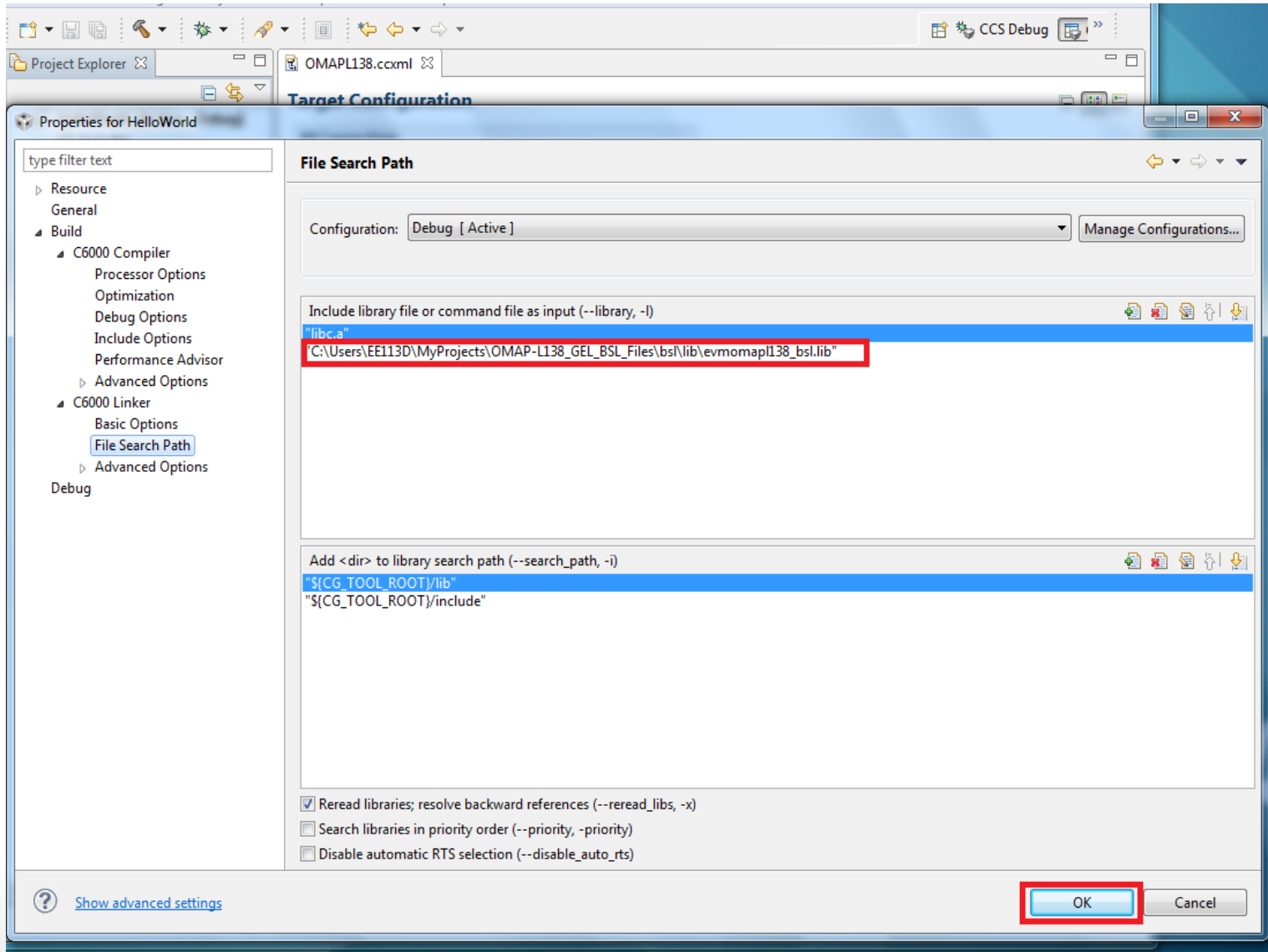
# Set Include Options - 2



# Set Linker Search Paths - 1



# Set Linker Search Paths - 2



# Running Programs on LCDK

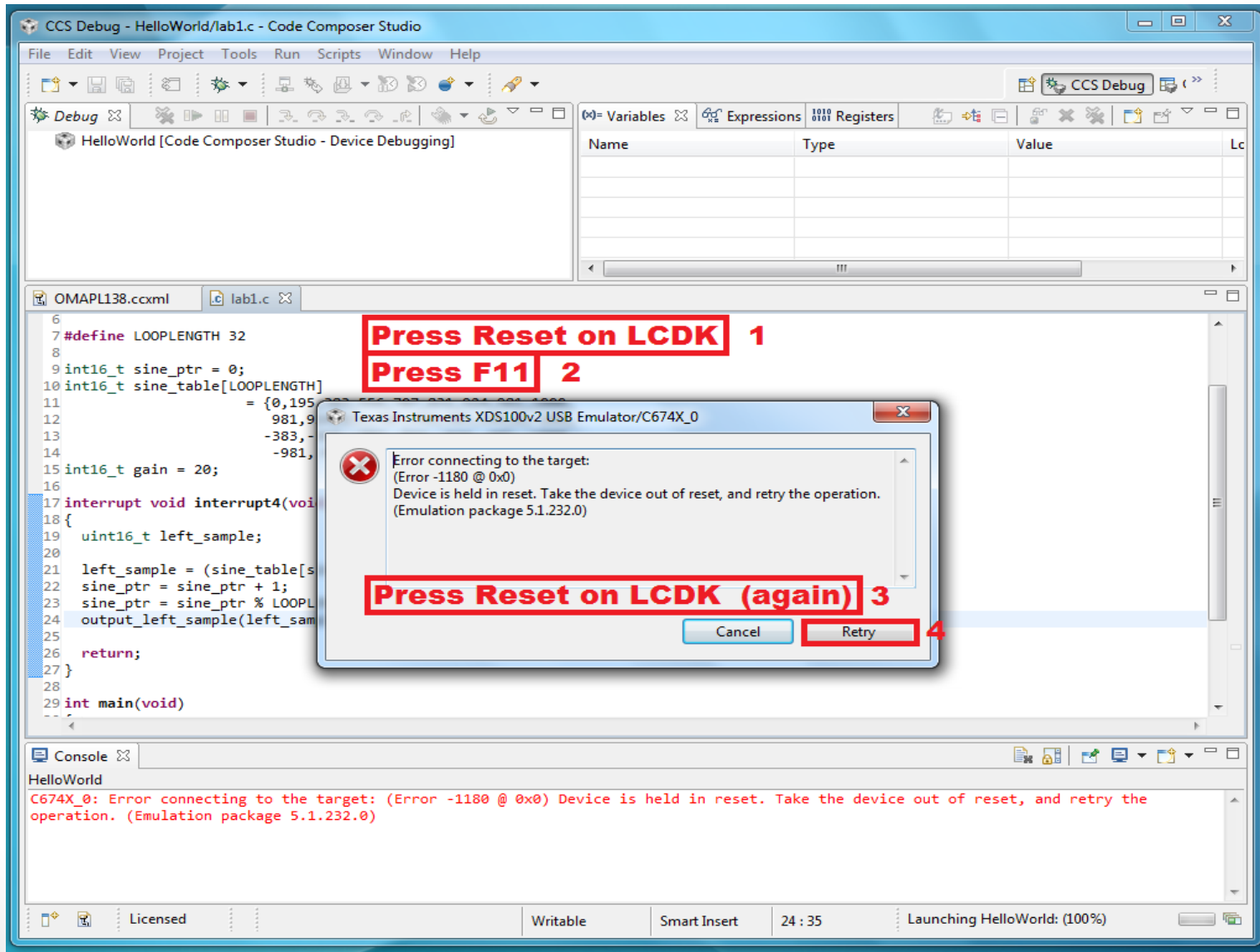
# Compile the Project

The screenshot shows the Code Composer Studio (CCS) interface with the following components:

- Project Explorer:** Displays the project structure for 'HelloWorld'. The file 'lab1.c' is highlighted with a red box and a red '1' next to it.
- Code Editor:** Shows the source code for 'lab1.c'. The code includes headers, defines, and a main function. A red '2' is placed next to the line 'L138 initialise intr(FS 8000 HZ, ADC GAIN 0DB, DAC ATTEN 0DB, LCDK LINE INPUT);'.
- Console:** Displays the output of the compilation process. The text includes '\*\*\*\* Build of configuration Debug for project HelloWorld \*\*\*\*', the command 'C:\ti\ccsv5\utils\bin\gmake -k all', and the result 'gmake: Nothing to be done for `all`.'. The phrase '\*\*\*\* Build Finished \*\*\*\*' is highlighted with a red box.
- Problems:** Shows '0 items' with the text 'No Error Message' in red. A yellow smiley face icon is displayed in the center of the Problems window.

**Press Ctrl + B**

# Load the Program to LCDK



# Run the Program

The screenshot shows the Code Composer Studio (CCS) interface with the program running. The **Expressions** window is open, showing the global variable `sine_ptr` with a value of 0 at address 0x1181A530. The **Console** window shows the output of the program, including PLL1 init, DDR2 settings, and DSP Wake Complete.

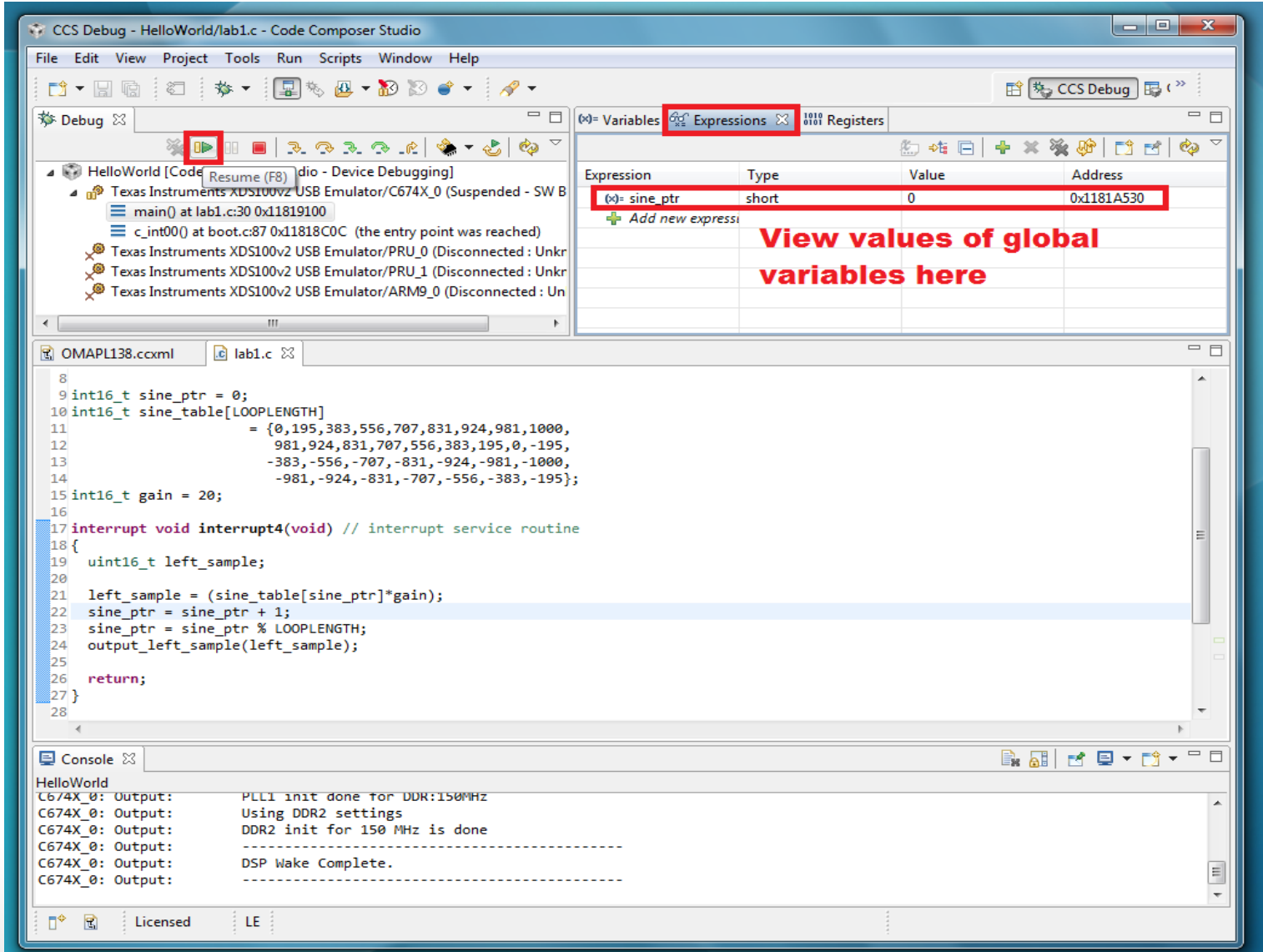
**Expressions Window:**

Expression	Type	Value	Address
sine_ptr	short	0	0x1181A530

**Console Output:**

```
HelloWorld
C674X_0: Output: PLL1 init done for DDR:150MHz
C674X_0: Output: Using DDR2 settings
C674X_0: Output: DDR2 init for 150 MHz is done
C674X_0: Output: -----
C674X_0: Output: DSP Wake Complete.
C674X_0: Output: -----
```

# Run the Program



The screenshot shows the Code Composer Studio (CCS) interface with the program running. The **Expressions** window is open, showing the value of the global variable `sine_ptr` as 0 at address 0x1181A530. The **Console** window shows the output of the program, including the PLL1 init, DDR2 settings, and DSP Wake Complete messages.

**Expressions Window:**

Expression	Type	Value	Address
sine_ptr	short	0	0x1181A530

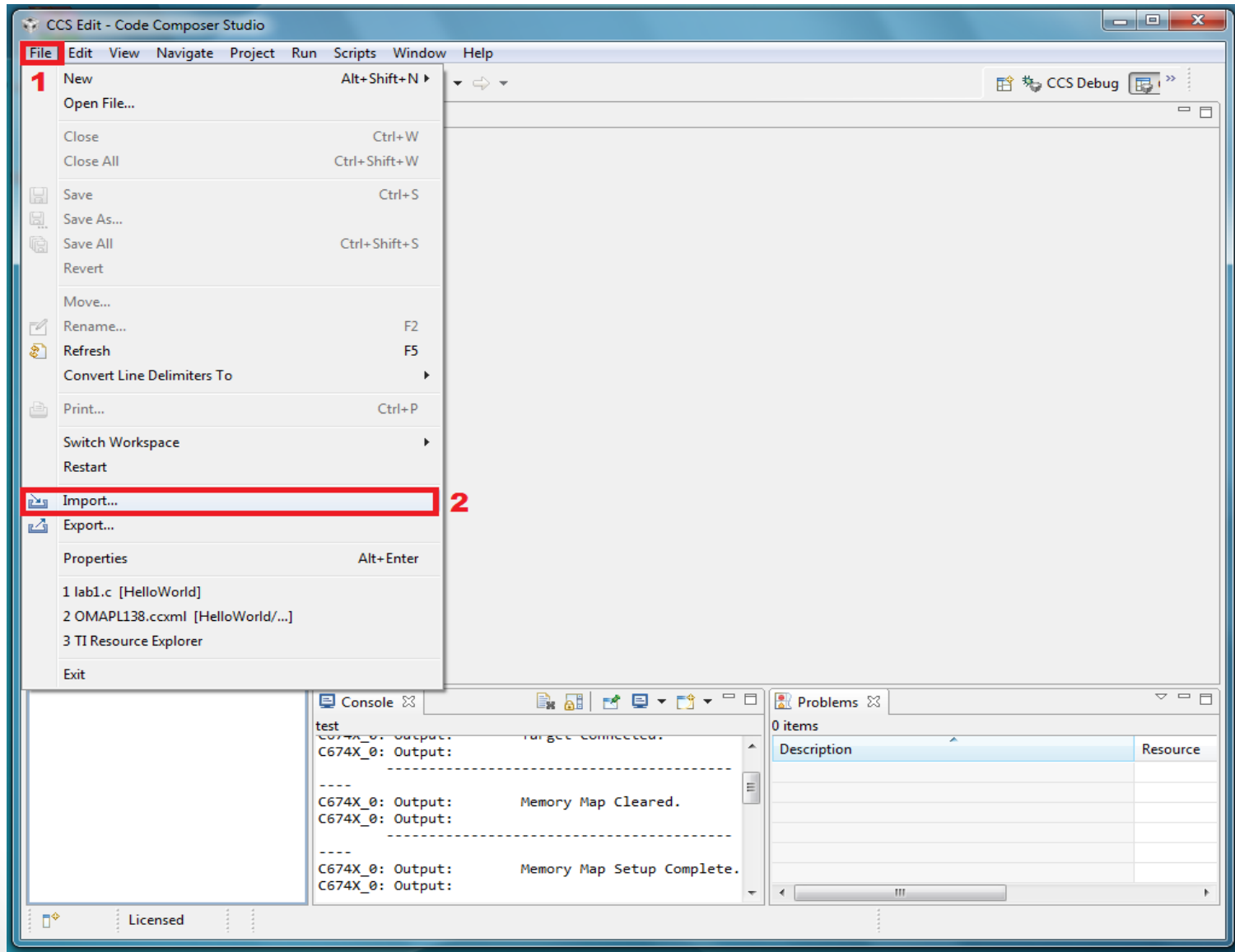
**Console Output:**

```
HelloWorld
C674X_0: Output: PLL1 init done for DDR:150MHz
C674X_0: Output: Using DDR2 settings
C674X_0: Output: DDR2 init for 150 MHz is done
C674X_0: Output: -----
C674X_0: Output: DSP Wake Complete.
C674X_0: Output: -----
```

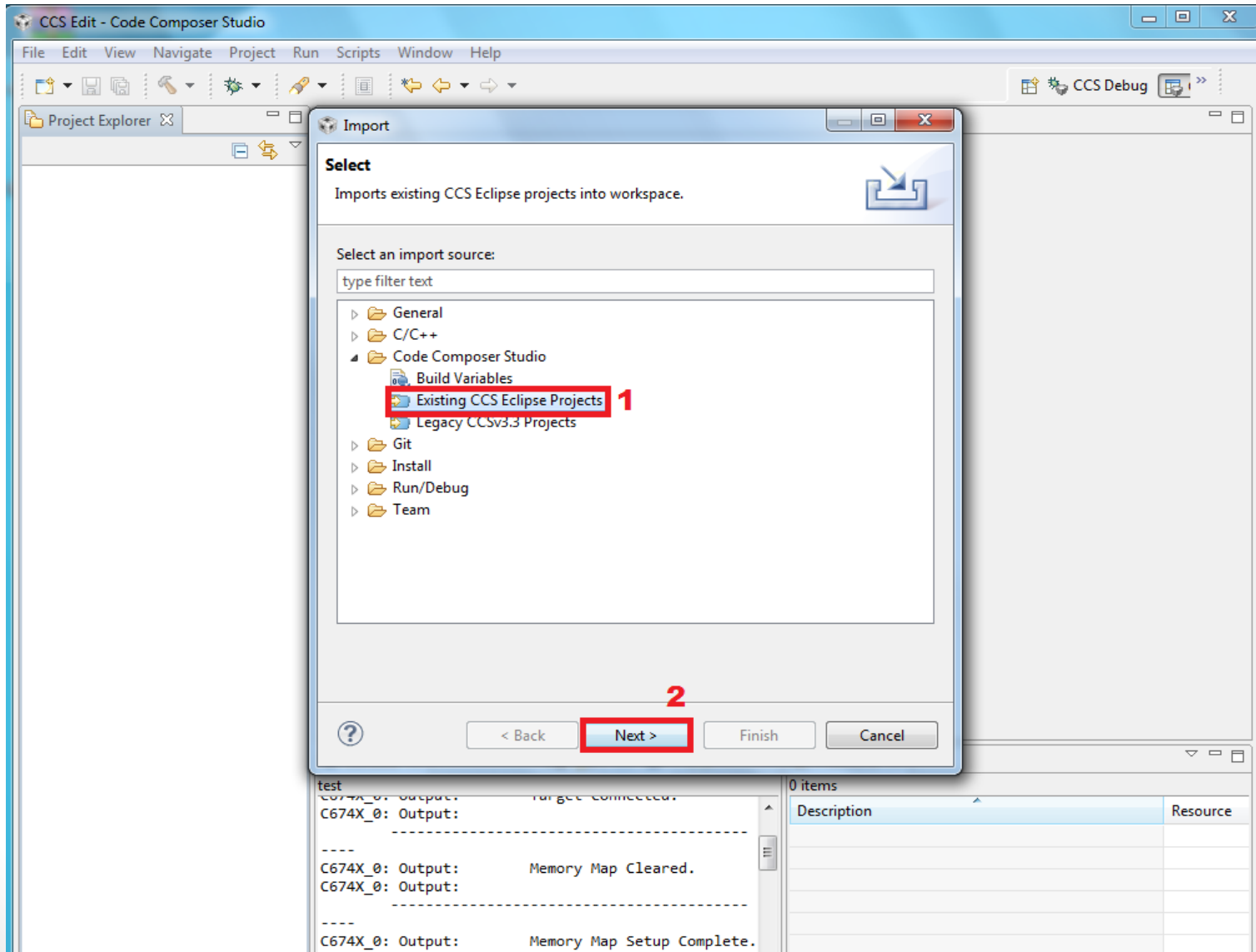


# Opening Existing Projects

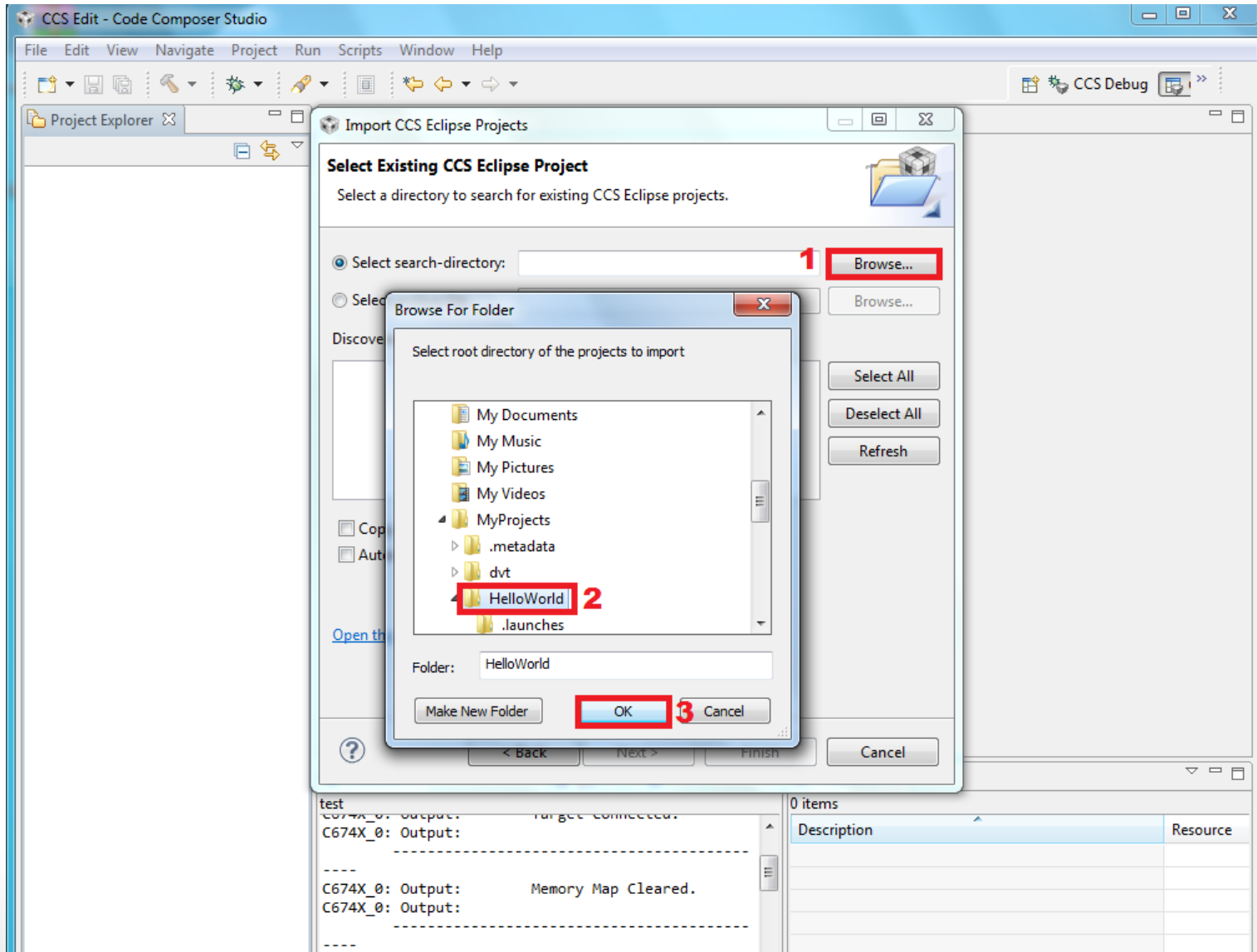
# Opening Existing Projects



# Opening Existing Projects



# Opening Existing Projects



# Opening Existing Projects

