- 1. Install CCS version 10.31: https://www.ti.com/tool/download/CCSTUDIO/10.3.1.00003
- 2. Install the old compiler version TI v4.4.6. This can be done under Help-> Install new software-

😚 Install				×
Available Software				
Check the items that you wish to install.				
Work with: Code Generation Tools Updates - https://software-dl.ti.com/	/dsps/dsps_public_sw/sdo_ccstudio/codegen/Updates/p2win32 ~	Add	Mana	ge
type filter text			Selec	t All
Name	Version	^	Desele	ct All
🗌 🍫 MSP430 Compiler Tools	4.4.8			
🗌 🛸 MSP430 Compiler Tools	4.4.7			
MSP430 Compiler Tools	4.4.6			
🗌 🖗 MSP430 Compiler Tools	4.4.5			
🗌 🖗 MSP430 Compiler Tools	4.4.4			
🔲 🕸 MSP430 Compiler Tools	4.4.3			
🗌 🖗 MSP430 Compiler Tools	4.4.2			
MSP430 Compiler Tools	4.4.1			
MSP430 Compiler Tools	4.4.0	•		
1 item selected				
Details				
TI Compiler Updates				0
				More
Show only the latest versions of available software	Hide items that are already installed			
Group items by category	What is <u>already installed</u> ?			
Show only software applicable to target environment				
Contact all update sites during install to find required software				
(V)	< Back Next >	Finish	Cance	el 🛛

3. Fix the path for librath.a to C: $ti\ccs1031\ccs\csbase\msp430\lib\5xx_6xx_FRxx\libmath.a$

😚 Properties for emeter-ap	pp-6736	— 🗆 X
type filter text	File Search Path	⇔ ▼ ⇔ ▼
 > Resource General > Build > MSP430 Compiler > MSP430 Linker Basic Options File Search Path > Advanced Option MSP430 Hex Utility Debug 	Configuration: Debug [Active]	✓ Manage Configurations.
	Include library file or command file as input (library, -1) C:\ti\ccs1031\ccs\ccs_base\msp430\lib\5xx_6xx_FRex\libmath.a "libmath.a"	ର ଲ ଇ ତା : -
	Add <dir> to library search path (search_path, -i)</dir>	ର କା କା ନା
< >	"\$(CCS_BASE_ROOT)/msp430/include" ■ "\$(CG_TOOL_ROOT)/lib" ^{IIII} "\$(CG_TOOL_ROOT)/include" ^{IIII} "\$(CCS_BASE_ROOT)/msp430/lib" ^{IIII} "\$(CCS_BASE_ROOT)/msp430/lib/5xx_6xx_FRxx" ^{IIII}	
	Reread libraries; resolve backward references (reread_libs, -x) Search libraries in priority order (priority, -priority) Disable automatic RTS selection (disable_auto_rts)	
② Show advanced setting	<u>gs</u>	Apply and Close Cancel

4. Follow 6.1 in User Guide

a. Extract the software and), select the "ccs_workspace" directory that was extracted from the archive.



Navigate to Window \rightarrow Preferences in the File menu on the task bar. When the preferences b. window appears, navigate through the sidebar to General \rightarrow Workspace \rightarrow Linked Resources. In the Linked Resources tab, edit the resource EMETER_SOURCES to be one directory above the ccs workspace directory.

5/30/emeter-main.c - Code Com	poser Studio	
te Project Run Scripts Wi	ndow Help	
) 💠 🕶 🛷 🕶 🔳		
□ 🕏 🔻	- C Preferences	p430f6736.h 👘 emeter-toolk
[Active - Debug] 6736	type filter text	Linked Resources
6736 ground.c ground.c		
	Show advanced settings Console	

- 5. Build three projects, in the correct sequence
 - emeter-toolkit-6736
 - emeter-meterology-6736



6. Debug emeter-app-6736