

Github root directory: https://github.com/JeffinVegas/403_AdvEmbSys

Date Due: November 21st, 2018

Task 1: Set up Project in SCS

a) Code Generator on SCS

Code Generator

Current project:

Name	Operating System	Code Prefix	Code Output Directory
ADC Window Monitor for LaunchPad	TI-RTOS	-	./source
ADC Window Monitor for LaunchPad	TI-RTOS	-	./source

Load external project...

Memory usage:

Segment	Code (words)	Data (words)	Code + Data (words)	Code + Data (RAM)
Framework	111	16	127	12.4%
Procedure Library	24	0	24	2.3%
Task: ADC Window Monitor	58	4	62	6.1%
Totals	193	20	213	20.8%

Code output:

☒ Output SCIF driver files automatically

Output SCIF driver files

View output directory

Event log:

Event	Time / Line	Description
■ Compiling task code	19:17:24.045	Termination Code
■ Assembling RAM image	19:17:24.045	ADC Window Monitor for LaunchPad
■ Reading source template files	19:17:24.094	ADC Window Monitor for LaunchPad
■ Processing project	19:17:24.109	ADC Window Monitor for LaunchPad
■ Ready to generate output	19:17:24.118	The "Output SCIF driver files automatically" option is currently enabled
■ Generating output directory	19:17:24.118	C:/Users/Jeffrey/Documents/Texas Instruments/Sensor Controller Studio/examples/
■ Outputting	19:17:24.118	scif_framework.c
■ Outputting	19:17:24.145	scif_framework.h
■ Outputting	19:17:24.160	scif_osal_tirtos.c
■ Outputting	19:17:24.172	scif_osal_tirtos.h
■ Outputting	19:17:24.267	scif.c
■ Outputting	19:17:24.290	scif.h
■ Outputting	19:17:24.320	sce.lst

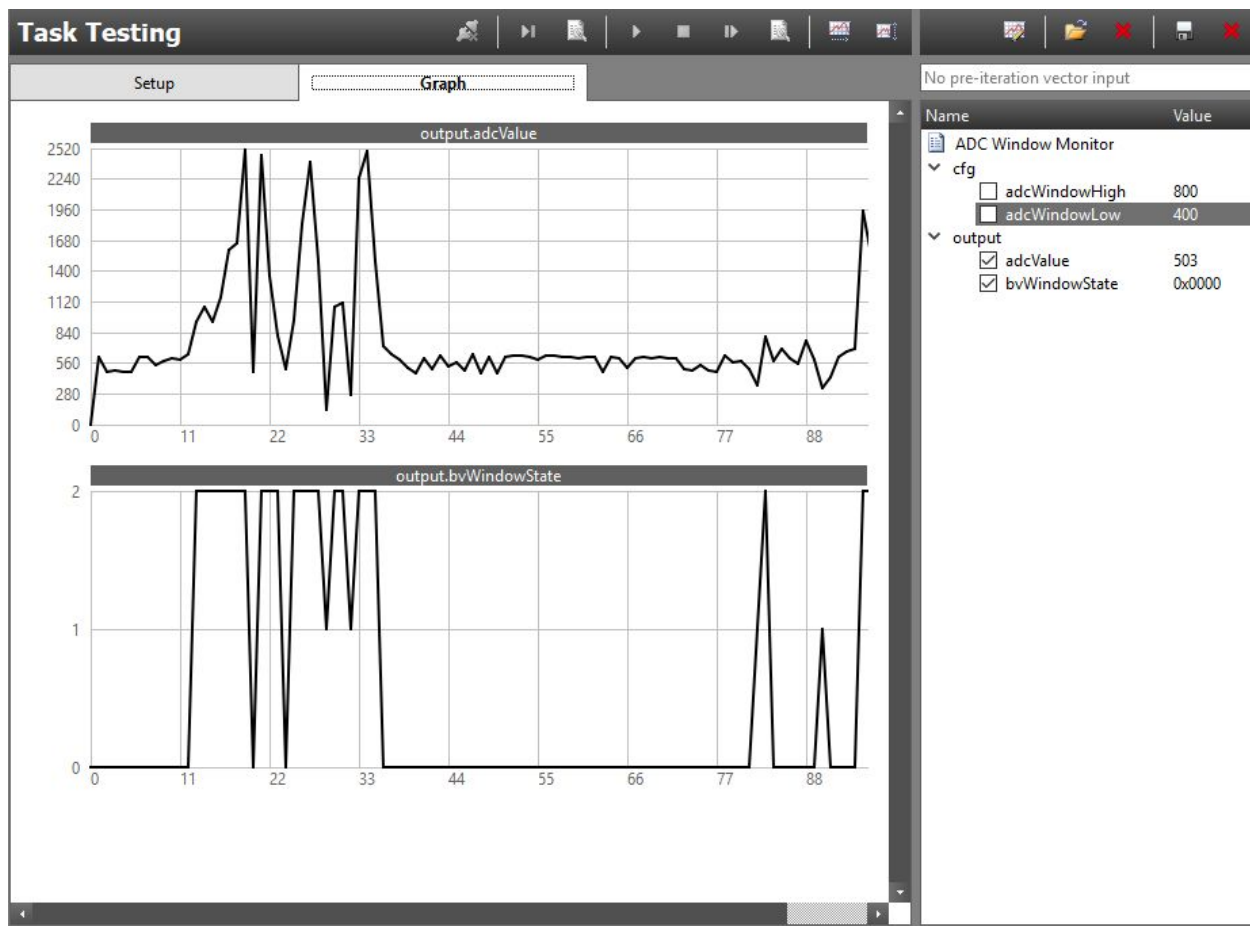
Task 2: Download and Debug with CCS

Youtube Link: <https://youtu.be/w0MzJ1Vs3tw>

Task 3: Download and Debug with SCS

Youtube Link: <https://youtu.be/9BRhq9sVC8I>

a) ADC Graph on SCS



Task 4: Understand

- This task is an explanation of the functions within main_tirtos.c