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Lab 4 Report

In Main_Blinky.c I added the task Task_ReportSysTick so that the program would display the system tick on the screen of the TI Arm. I also allowed the space for the task to take up as 256 so that way there would be enough space for the system to keep running with enough space to keep being called.

In Task_ReportSysTick I copied the code from LED Blinky and then got rid of the initialization part of the file because with FreeRTOS the task is going to be called once. I also got rid of all the local variables except for Task_ReportSysTick_Status. I also added the call for the program to print my name to the screen to this task instead of having it be in the main project file. Then, instead of having an if statement in the execution, I have an infinite while loop (so the task will constantly run) that does everything the same as it previously did (print to the screen and update the Task_ReportSysTick_Status. Finally, to increment the time of the next report I added a task delay of 250 milliseconds.