Lab 4 grading sheet 1) Name Last	First	1	EID	Circle professor _AC, JV, RY
2) Name Last	First		EID	_AC, JV, RY
1. Deliverables 20%: 0) This sheet Combine the following components Have this file open on the computer 1) A screenshot showin	during demonst	ration.	-	re your checkout time. In the screenshot, please
show the dumped data in a men 2) Estimation of the exe	nory window and cution time of your gring instrument the first measure to GitHub	I the I/O our debu (part e) ement, w	window, as illustragging instrument D and the calculation	nted in the lab manual.  Debug_Capture on of the minimum and
4. Adhere to coding standard 5% Good Names have meaning, Variables have units in comments Consistent indentation, Consistent style				
5. Data Interpretation (20%): Explain what the collected data mean	18		1)	2)
			1)	2)
6. Demonstration (20%): You will show the TA your program operation on the simulator or the actual TM4C123 board. The TA may look at your data and expect you to understand how the data was collected and what the data means. Also be prepared to explain how your software works and to discuss other ways the problem could have been solved. How did Texas_Init affect the calculations in your delay function? What would the calculations be if Texas_Init was not called? You will be asked to create a breakpoint, and add the port pin to the simulated logic analyzer. Is Debug_Capture minimally intrusive or non-intrusive? What do you mean by intrusiveness? Is your code "friendly"? How do you define masking? How do you set/clear one bit in without affecting other bits? What is the difference between the B, BL and BX instructions? How do you initialize the SysTick? You should understand every step of the function SysTick_Init. How do you change the rate at which SysTick counts? Describe three ways to measure the time for a software function to execute? If you used 32-bit data for DataBuffer instead of 8-bit, how would the intrusiveness change? Could you have stored the time-stamp data in 8-bit, 16-bit, or 24-bit arrays? Why does the pointer to the time-stamp array need to be incremented by four, if you want to point to the next element in the array? How do you allocate global variables?  1)  2)				
	Total:			