Lab 8 grading sheet 1) Name Last	First		EID	_
2) Name Last	First		EID	_
1. All source files that you have chang Please do not commit other file types. your TA can compile and run your app	The basic idea o			
2. Deliverables 20%: 0) This sheet Combine the following components in the checkout time. Have this file open on the confidence of the c	omputer during don sensor and LCI owing the ADC/L columns of Table SysTick, ADC, sampling rate is	emonstratio D, hand-drav CD executi 8.1 (part d) convert, and 40 Hz, like l	n. wn or PCB Artist, like F on time profile, like Fig d main (parts c, e, f, g an	figure 8.1 (part a), ure 8.6 part d)
3. Performance 35%: Does it handle correctly all situation How pretty is the software?	as as specified?			
4. Adhere to coding standard 5%: Good Names have meaning, Va Consistent indentation, Consiste			nts	
	,	·	1)	2)
5. Demonstration 40% (TAs will ask You will show the TA your program of data and expect you to understand how should be able to explain how the pote converts resistance into voltage. Also have been solto be connected to a different ADC pir were inches instead of cm? What's you between the sampling rate and the 125 How do you initialize SysTick interrupt what the sampling rate is using a calcureaches the interrupt service routine. UCD inside the SysTick ISR? Where it interrupt and a subroutine? What will be think your program will crash? What	peration on the act the data was columniometer converted by the prepared to expect the prepared to t	ctual TM4C lected and h ts distance i plain how you ou change in s system be What does? What is the change your hual. Explain ly poor style ctor located rease your s	123 board. The TA may now the ADC and interrunto resistance, and how our software works and a your program if the pot different if the units of sampling rate? What is the ADC range, resolution as sampling rate? Be preparable, when an interrupt to output the converted? What are the difference ampling rate a lot? At we	apts work. You the circuit to discuss other tentiometer were measurement the difference and precision? pared to prove t occurs, control d data to the es between an
	Total:			

There will be a 10 points penalty if you do not use your Lab 7 software.