# Name: Section:

# Homework Assignment: submit via gradescope

1. Complete the development of the example in Lecture 19. Use your counter with roll over from homework #10 to generate an interrupt signal used by the lec19.c program to increment a counter. Also, have the c program print out the value of ISR\_count (similar to Count\_Q and Roll) when “?” is pressed. Post a screen shot of the terminal window here or in your bitbucket repo, showing the “?” output just before the “count Q” rolls over, then just after the “count Q” rolls over, showing the ISR\_count incrementing before/after. Upload the vhdl files and C files you created or modified to your bitbucket repo
2. **Documentation Statement**: For all assignments in this course, you may work with any faculty members or students **currently** enrolled in ECE383 unless otherwise indicated. We expect all graded work, to include software programs, wired circuits, lab notebooks, and written reports, to be your own work. If they aren't, you've copied and will receive **no academic credit** even if the copying is documented. Further, copying without attribution is dishonorable and will be dealt with as a suspected honor code violation. As in all courses, cadets must document any assistance received in the execution of graded work. If you receive no assistance on an assignment, the use of the **Documentation: None** statement is mandatory. If no documentation statement exists, the assignment will be returned for correction and the work will be considered at least one day late.