

**EE319K Lecture 10 in class worksheet**

**Question 1.** Assume PT0 is an input. Draw a flowchart describing software that waits until PT0 is a 1 (loops back over and over if PT0 is a 0). Next, write it in C. Finally, write it in assembly.

**Question 2.** Assume PT4 is an output. Draw a flowchart describing software that toggles PT4 1000 times (set PT4=1, then PT0=4 500 times). Next, write it in C. Finally, write it in assembly.