

1) Name Last_____ First_____ EID_____

Use same spelling as listed on Canvas

1. Deliverables 20%:

Upload your main.s file to Canvas. Combine the following components into one pdf file and upload this file also to Canvas. Have the pdf file and Keil open on the computer during demonstration.

0) Your name, professor, and EID

1) Flowchart of the system

2) Pseudo-code for the algorithm

3) A screenshot of the Port E window, one showing the LED on (like Figure 4)

4) A screenshot of the Port E window, one showing the LED off (like Figure 4).

2. Performance 35%:

Does it handle correctly all situations as specified?

How pretty is the software?

3. Adhere to coding standard 5%:

Good Names have meaning

Variables have units in comments

Consistent indentation

Consistent style

4. Demonstration 40%:

Can you explain to the TA how your software works?

During the demonstration, you will be asked to run your program to verify proper operation. You should be able to single step your program and explain what your program is doing and why. You need to know how to set and clear breakpoints. There are **AREA** and **EQU** statements in your **main.s**, and you need to know what each does and why. You need to know terms like operation code, pseudo-operation, operand, reset vector, and label.

Total: