Report for Laboratory Exercise XX: Title

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ME/EE 477 OR MME 577—Embedded Computing in Electromechanical Systems

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Abstract.   The abstract

1   Description

Briefly describe the major tasks performed by the program, including any limitations in the program's capability. Explain the functions of the main program and of each subfunction. Graph the hierarchical structure, showing how subprograms are called and how in turn further subprograms are called. Explain any algorithms.

2   Testing

State precisely the complete procedure for testing the program. The tests should not be unnecessarily extensive, but should be adequate to confirm that all major functions perform correctly. A code tester will attempt to follow your test procedure exactly. Each step should be explained with enough detail that someone knowing nothing about the experiment could carry it out. For each step, state what results should occur. For example, state what keyboard or electrical inputs should be applied, and how when and what outputs should be observed to confirm the program function. If the results are not as desired, state what they should be.

3   Results

Briefly discuss the results of your experiment. State how successfully the program runs, noting any unsolved problems. Answer any specific questions suggested in the assignment. Suggest possible improvements, such as extensions to the program beyond what is required, that might be made with more time.

4   Source listing

Include a listing of the contents of the source file (`main.c`).