EECS 4313 Assignment 2
Black-box and White-box Testing with JUnit

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1 Black Box Testing

- Specification of the selected Java methods.

- Justification of the testing technique chosen, i.e., why is it appropriate for this method.

- Description of your application of the three testing strategies. Be clear about which test cases you implemented.

- Evaluation of the test cases derived by the testing technique. Include the screenshots of the test running results. If you had to complement the derived test cases with special value testing, describe that as well. The marker will not read your code in order to see what you tested. You have to describe it.

- Attaching bug reports if bugs are discovered using your testing methods. You should use the same bug report format as in Assignment 1. Do not file these bug reports to the projects bug report system.

2 White Box Testing

- The statement coverage measurements for your Assignment 2 test suite.

- A description of the test cases that you added in this assignment to improve statement coverage. The marker will not read your code in order to see what you tested. You have to describe it.

- The statement coverage measurements for your final submission. Include the screenshots of the test running results and the screenshots of the coverage measurement. If your coverage is not 100

- The Control Flow Graph you created. Indicate the segments clearly (you will probably need to include the code for this).

- The path coverage discussion described in section 2 above.

- Attaching bug reports if bugs are discovered using your testing methods. You should use the same bug report format as in Assignment 1. Do not file these bug reports to the projects bug report system.

- An appendix with the specification of the methods you are testing (if there are new ones).