# **Post-Lab Write Up**

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Lab: Lab 5

1. Describe the process you went through to solve this problem (complete this lab)? 3 to 4 sentences should suffice.

I have written down what main should do with undefined methods. And I have filled what method should do and replaced them row by row and ran some tests after I’ve finished writing each method.

1. What went well in this process?

Coding went well. It took a lot shorter than I expected.

1. What was challenging/difficult in this process?

I had to think more about how to store data efficiently without using arrays.

1. Think about a particular challenge that you faced in this lab. What was this challenge? How did you work past that challenge and overcome it?

There was not much of a struggle in this lab. To test it took longer than I expected. So, I created a shell script to test the java file. With a short sample text file.

1. What will you do differently in the future to avoid/overcome these challenges?

May be some unit test would be very helpful.

1. What is something that you learned while working on this lab?

I have learned that I can pipe echo command into java execution while testing.

1. How can what you learned in this lab be applied to the real world?

I have learned the importance to automate the testing. In order to avoid wasting time on testing the code after a small modification.

1. Are there any bugs in the code that you turned in? If so, what are they? Why did you not fix them? (e.g. lack of time, lack of knowledge, etc)

There is no critical bug I have found so far.