# **Post-Lab Write Up**

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Lab: Lab 6

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

I have written main code first and fill in each function

1. What went well in this process?

Testing went smooth then I expected.

1. What was challenging/difficult in this process?

To find the empty cells were not as I expected. I thought `Array.length()` method will get the only non-null data but it brought the whole reserved length.

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?

I had to loop the array and do null checks. To check the array’s valid length.

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

I cannot think of another way to work around. Unless I use different objects.

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

Some methods or constants in java objects.

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

To read more of documents.

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)

From what I found, there is a crash in `Scanner.nextLine()` when I press enter without any data. I did not fix it because I thought it will make the code messy without overriding scanner object. But now I think of it after hand in I could write a another String method just to handle `nextLine()` method. But I think it’s good enough for now.