

Lab 13: Generic and Stack: Reverse the Sentence

Instructions: In class we developed our Stack Interface and implemented it with an array stack. For this lab design and implement a program that reads a sentence from the user and then prints the sentence with the characters of each word reversed. Hint: Use our array stack!

Implement the following classes/function:

```
1 public class ReverseSentence {
2     public static void main(String args[]) {
3         /* Student Implements. */
4     }
5
6     public static String ReverseWord(String word) {
7         /* Student Implements. */
8     }
9 }
```

Write some test cases:

Create some test cases that you believe would cover all aspects of your code. You may write manual tests or use JUnit.

How to turn in:

Turn in via GitHub. Ensure the file(s) are in your lab13 directory and push via IntelliJ (VCS ↑)
OR use the command line:

- \$ git add <files>
- \$ git commit
- \$ git push

Due Date: November 5, 2015 2359

Teamwork: No teamwork, your work must be your own.