

**Programming Challenge 4**  
**(Full Score: 1 point)**

**(Due by 2/14/2011/Monday Midnight at Moodle)**

Your name:	Score:
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Using **Java API** to complete the following Chapter 3-related Java Projects **(which are the same as A#4)**:

1. Design and implement an application that reads a sentence from the user and prints the sentence with the characters of each word backwards. Use stack to reverse the characters of each word.
2. Implement a class called `ReverseWords` that uses a stack to output a set of elements (i.e. words) input by the user in reverse order. You may test your implementation in the same class or in a test class.

(Having successfully completed this project will automatically change your Assignment#4 full scores whether you have or have not completed Assignment#4 in addition to this ***1 point*** for your Challenge Project Grade!).

- No late submission will be accepted.
- Your grade for this project will be **0** or **1**—you will not receive any partial credit for incomplete work.

**Submission:**

Submit your projects (resource code only) in a **compressed file** to **Moodle** by **2/14/Monday-Midnight!**