

## CSCD 211

### Lab 6

You are provided a main that you can't change. The user is present with the following menu choices

1. Enter a String that will be printed to the screen in reverse
  2. Enter a file name and the contents of the file will be printed to the screen in reverse
  3. Do both reverse the file contents and reverse the string
  4. Quit
- 1) The user is prompted to enter a string and that string is passed to reverseString. The results of the method will be printed to the screen in reverse.

For example the user enters: One ring to rule them all.

**What will be printed to the screen is:** .lla meht elur ot gnir enO

- 2) The user is prompted for a file name. Once the file is opened the Scanner object is passed to reverseFile.

For example the file contains:

One ring to rule them all.  
One ring to find them.  
One ring to bring them all,  
and in the darkness bind them.

**What will be printed to the screen is:**

and in the darkness bind them.  
One ring to bring them all,  
One ring to find them.  
One ring to rule them all.

- 3) You will write the recursive method doBoth.

For example, the file contains:

One ring to rule them all.  
One ring to find them.  
One ring to bring them all,  
and in the darkness bind them.

**What will be printed to the screen is:**

.meht dnib ssenkrad eht ni dna  
,lla meht gnirb ot gnir enO  
.meht dnif ot gnir enO  
.lla meht elur ot gnir enO

### NOTES

- No loops are allowed in the recursive methods.

### TO TURN IN

A zip file that contains Lab6 with:

- All the packages and .java files
- Your input files

Name your zip your last name first letter of your first name lab6.zip (Example: steinerslab6.zip)