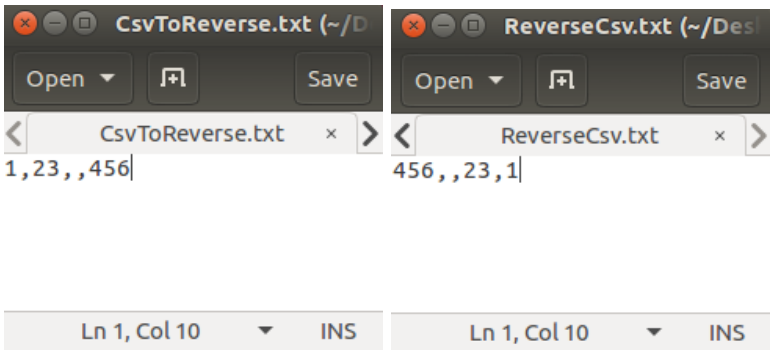
# CS 371 - Project #1

Due Date: 12.10.2016

## Question 1

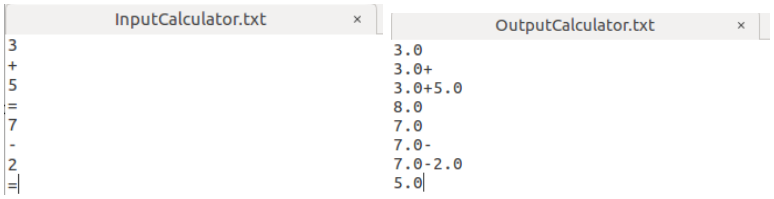
Write a program which takes a comma separated file as an input and reverses the individual fields in each line and writes the result to an output file. Below is an example.




The input file should be called 'CsvToReverse.txt'. The output file should be called 'ReverseCsv.txt'.

## Question 2

Write a simple Java Code to generate a calculator that should take 'InputCalculator.txt' file as an input. In the input file, each line contains a number (float or int) or operator (+, = ). After each input is entered, the Java code should save the output (what would be seen on the calculator) to a file named 'OutputCalculator.txt'.




## Details:

Submit your assignment by 23:59 on the due date through LMS. All input and output naming is strict. You have to compress your code with the zip utility and name your file as `StudentId_Name_Surname_Project1.zip`. Assignments must be done individually. We will not tolerate any act that may be interpreted as plagiarism, and in such cases, you will be referred to the university ethical committee.

**Important Notes #1 :** Please use the starter template code that we provided in LMS. Since we grading your assignments automatically, you need to strictly adhere to these specifications.

**Important Notes #2 :**You need the add the following library to Dr Javas preferences window which you can open through the Edit menu. Go to Edit → Preferences and enter the location of the stdlib.jar to the Extra Classpath option. You may download stdlib.jar from http://introcs.cs.princeton.edu/java/stdlib/.
Please follow the instructions below:

## Step for adding stdlib.jar to the path :

1)Open the page to download stdlib.jar and download stdlib.jar.

2)Open Dr. Java.

3)Open Edit, then Preferences

4)Click add under extra classpath which is inside of Resource Locations category.

5)Click apply, then restart the Dr. Java.


Inbox (257)
Week 1 CS3
git course
CS 371 - Pro
Desktop/Re
File_Parsing
Chip_Gener
Standard Li
introcs.cs.princeton.edu/java/stdlib/
RELATED BOOKSITES
Programming
Algorithms
WEB RESOURCES
FAQ
Data
Code
Errata
Appendices
Lecture Slides
Programming Assignments
3.2 Stopwatch.java measure running time
– BinaryStdIn.java read bits from standard input
– BinaryStdOut.java write bits to standard output
– BinaryIn.java read bits from files and URLs
– BinaryOut.java write bits to files
Using the standard libraries. The file stdlib.jar bundles together all of our standard libraries into one file. There are a number of ways to access the libraries:
Current directory. The easiest (but not the sanest) way to use the standard libraries to download stdlib.jar and unjar it in your current working directory.
% jar xf stdlib.jar
Alternatively, you can download the individual .java files you need (such as StdIn.java) and put them in the same directory as the program you are writing. Then, compile and execute as usual.
% javac MyProgram.java
% java MyProgram
This approach has the drawback that you need a copy of each .java file you need in each directory where you need it.
Classpath. Put stdlib.jar in the same directory as the program you are writing (but do not unjar it). Then, compile and
introcs.cs.princeton.edu/java/stdlib/stdlib.jar
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New Open Save Close Cut Copy Paste Undo Redo Find Compile Reset Run Test Javadoc
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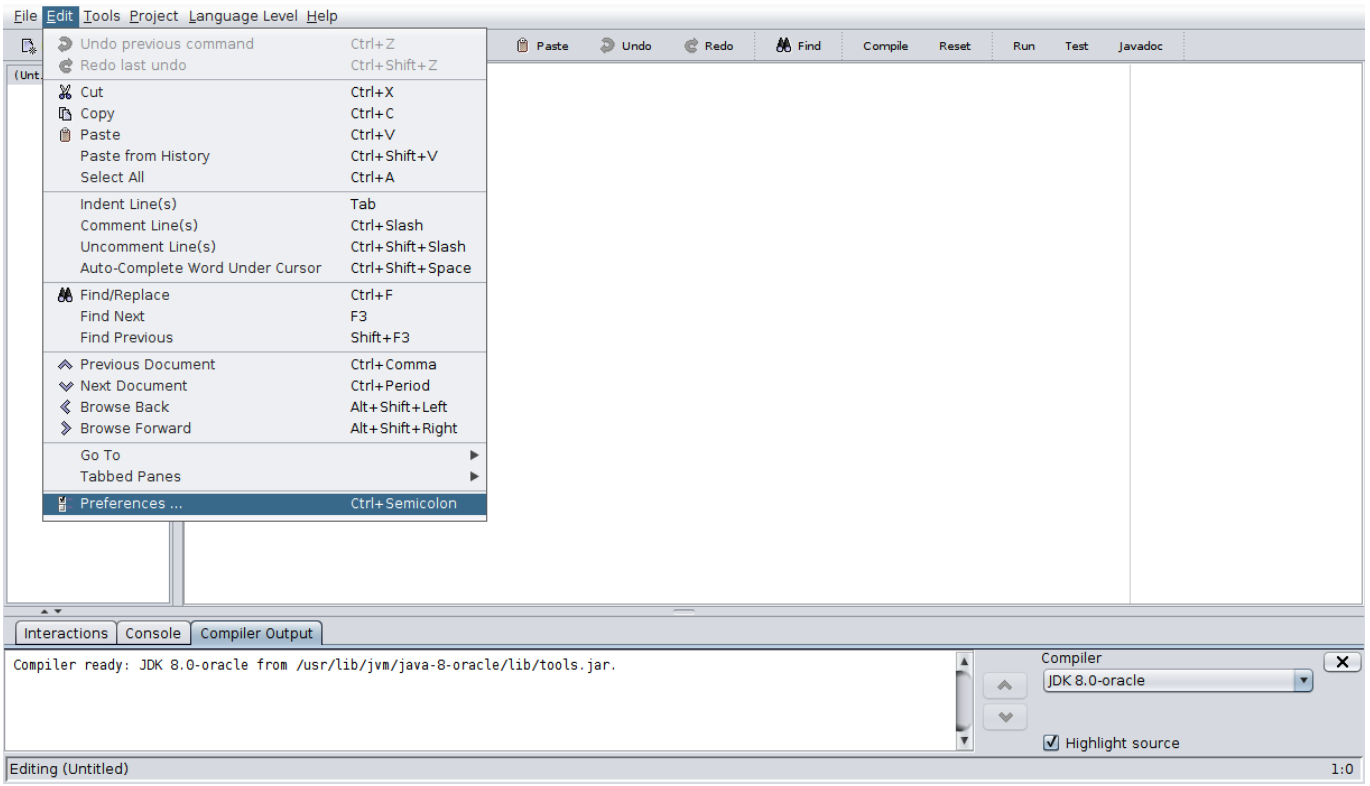
File Edit Tools Project Language Level Help
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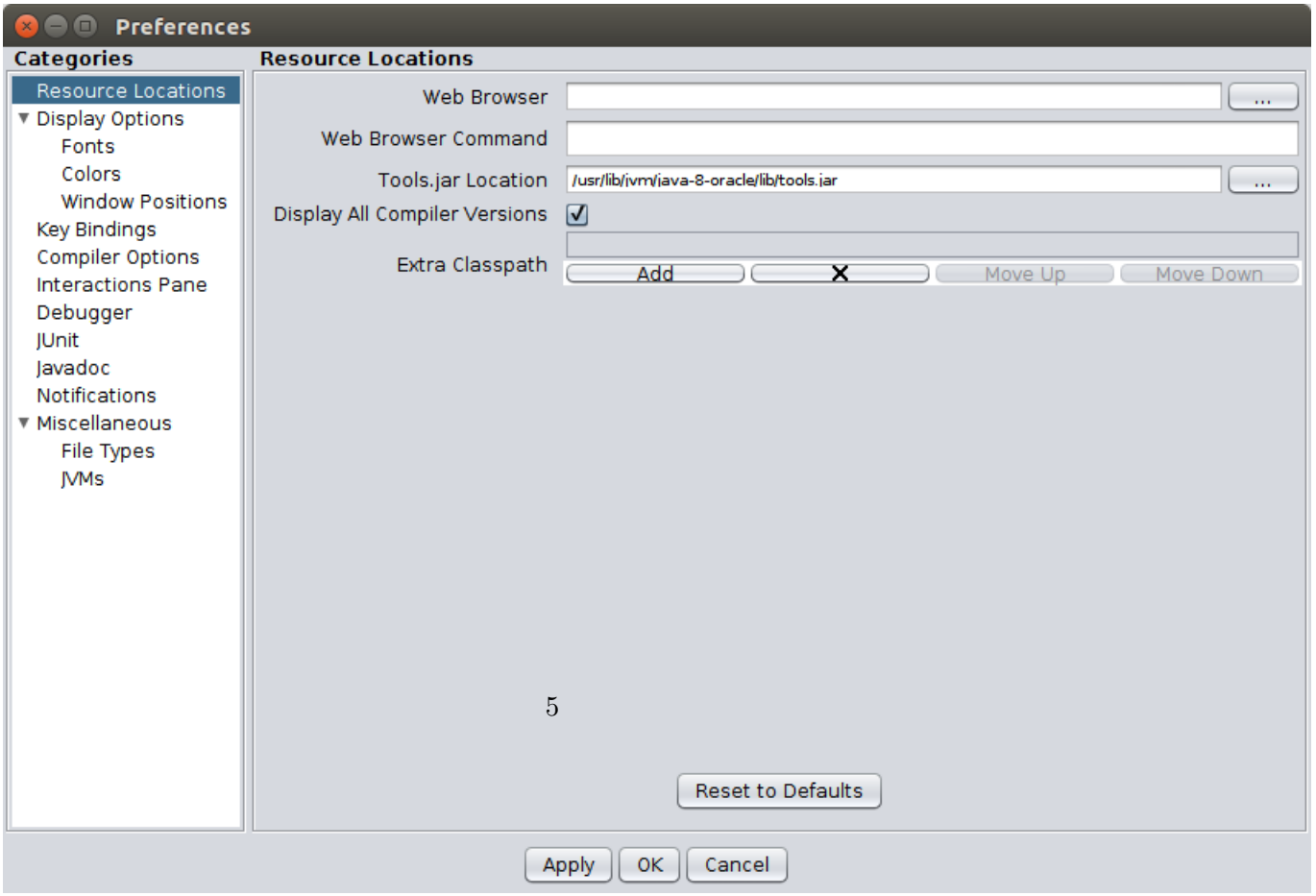
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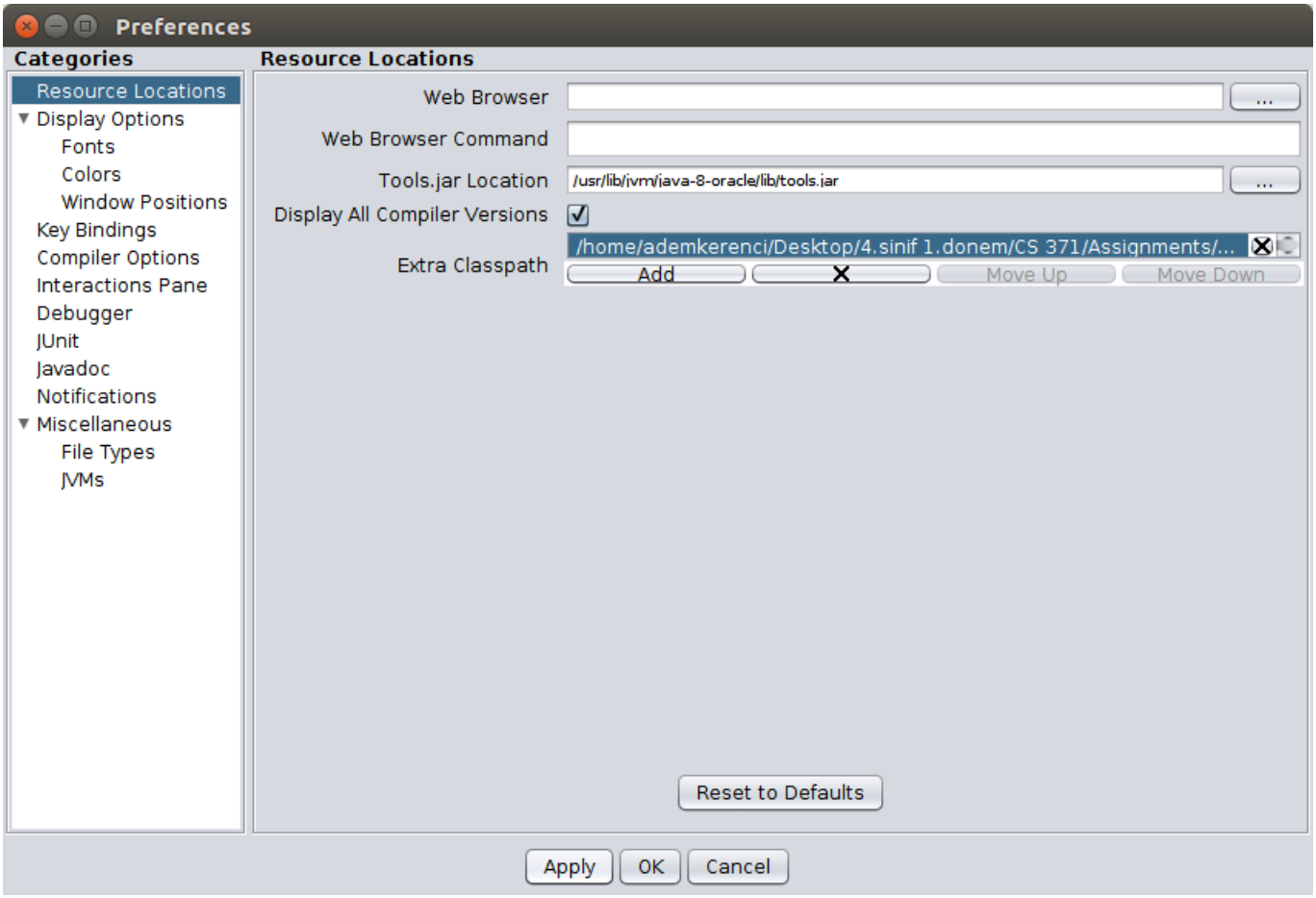
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