

CSC 220 – Lab 5

Objective:

Exercise strings, conditionals and loops in Java.

Java programs:

Design and implement an application named `Swap.java` that reads a string and two index values from the user, then swaps the characters with the specified index values, and save the resulting string in a variable. The program should have an input verification loop ensuring that the specified index values are within range, and a loop that asks users if they want to run the program again.

Note:

Make sure you indent and comment your code based on the examples in the textbook. Don't forget to include your name, the course number, title of the assignment, and today's date.

Compiling and running Java programs (reminder):

1. Compile your program using the command `javac filename`
For example: `java myProgram.java`
If you receive errors during the compilation phase, re-edit the source code file and attempt to correct them.
2. Once a file successfully compiles, execute it using the `java` program.
For example: `java MyProgram`

What to turn in:

1. JAR your `*.java` files into a file called `Lab5.jar`. When you're done, submit the file to Canvas by the deadline. No extensions.