

# Computer Science I

CMSC 120

## -Loops & Params

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Goals

. . . to practice your looping and parameter passing skills by implementing some goofy stuff.

Instructions

Design, develop, and test a Java program that implements a “disemvoweler”.

1. Prompt the user for a phrase between 10 and 30 characters long.
2. Validate their input by writing a boolean-returning method called `isValidEntry()`, taking the text as a parameter, which checks whether or not the text is valid as described above and displays an error message if not.
3. Once you are completely sure that you have valid input, call another method, `disemvowel()`, passing in the text as a parameter. This method should display the text with all the vowels removed.

*Hint:* Examine the String methods in the Java docs for inspiration.

Submitting

1. E-mail your program as a `.java` file to `Alan.Labouseur@Marist.edu`. The subject line should be “Assignment Title - Last name”.
2. Print out your source code and hand it in at the start of the class in which it is due. Please include your name, the date, and the assignment name in your comments in the code.