

# Computer Science I

CMSC 120

## -Extra Credit for Test Two

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Goal

. . . to provide an opportunity to mitigate the grade-hurting awfulness that was Test Number Two

Instructions

*For up to 35 additional points on your Test Two score:*

Design, develop, and test a Java program that translates a phrase of plain text into a symbolic code of symbols. The translation rules are as follows:

- Each character turns into one row of output.
- Input is **not** case-sensitive.
- Each output row consists of 25 periods and (zero or one) asterisk.
- The position of the asterisk denotes the letter. If the character is not a letter there will be no asterisk on that line, only periods.

Prompt the user to enter a phrase to encode or some word to quit. Encode and display the phrase. Then ask again, and continue asking until they quit. See the example interactions on next page.

*For up to 10 more points:*

Structure your program such that I can change the order of the letters of the alphabet by altering **only a single line of code**.

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.

