

Individual, Open Notes Exercise on Strings

Your task is to create a program that will accept a word as input (i.e., there are no spaces in the input) and display the equivalent of the word in Jejemon. Refer to the rules of the translation below. Special characters are ignored by your program.

You are required to use string functions discussed in the course notes as part of your solution, though accessing elements of the string character per character is allowed when necessary. You can create additional functions as you deem necessary to produce the intended Jejemon equivalent, but the resulting Jejemon equivalent should be displayed in the main program.

Assume that the maximum number of characters that the user may input in a given word is 15. Note that the input is taken in as a string (not character per character). Declare your string variables using array of characters (not pointers/dynamic list) with length based on the need (i.e., do not over estimate if never going to be used based on the assumption).

Here are the ONLY rules that should ALL be applied to convert the input word to Jejemon:

1. Small or capital o should be replaced with 0 (zero).
2. Small or capital e should be changed to 3.
3. Words ending in small or capital o becomes 0wz. (zero – because of first rule, w, and z)
4. Words ending with small or capital s should become es.
5. Alternate lower (small letter) and upper case (capital letter), starting from small. **Hint:** Use the index to determine when to have small letter, when to have capital letter.

Refer to the following examples:

Input Word	Expected Result
Hello	h3lLOWz
happiness	hApPiN3SeS
ugly	uGIY
UGLY	uGIY
UgLy	uGIY
uGIY	uGIY
pope	p0p3
4ct1v!t13s	4Ct!v!t13Es
EO	30wZ

You are given the file templates that you are to use. Note that your main program is in a separate file, as I will be using a different main program to run and test your function. Your solution will be graded based on output.