

Write a simple Shakespearean spelling modernizer that works like a Porter stemmer with following rules:

Step 1

YES → YS

WES → WS

Step 2

ESSE → ESS

(* v v c) E →

Step 3

(* v *) 'ST →

(* v *) 'D → ED

This notation comes from Porter's 1980 paper. Read it carefully to understand how these should be implemented.

You may ignore or remove punctuation except for ' and - (i.e. would'st and all-hail'd are words). Whitespace is also unimportant.

Write a method `modernize` in a file titled `hw03_solution.py`. It should take a single string as input and output a single string.

Run `hw03_evaluate.py`, making sure that your solution file is on the Python path. If you're unsure whether the result is satisfactory, ask the instructor or TA.