

Rania Maaraba

Program will be designed to the given word and determine

First, it will check that the word can be shortened
contains_vowel

If not, the program will simply output the word back

Next, it will check if the first character is
is_vowel or is_consonant

is_vowel is true

Check endings:

ends_with_double_consonant

delete the last three letters

ends_with_cvc

delete the cvc

is_consonant

Then check

count_consonants_at_front

If total counted is greater than or equal to 3

Remove the last three letters at the end

Else if

ends_with

Remove ending suffix

Else

count_vowels_at_back

If there are more than two then it is shortened

is_vowel: checks if the reading character is a vowel

is_consonant: checks if the reading character is a consonant

ends_with_double_consonant: checks if the ending two characters
are consonants

ends_with_cvc: checks if the ending three characters are
consonants

contains_vowel: checks if the entire strings contains a vowel

count_consonants_at_front: counts the number of consonants at
the beginning of the word

count_vowels_at_back: counts the number of consonants at the end of the word
ends_with: shows the ending suffix
new_ending: creates a new string