

Can you come up with an algorithm to compute the number of syllables in an arbitrary word? Assume you don't have a large dictionary at your disposal. Write your algorithm here in pseudocode.

- 1) Create a function: Count number of syllables in word
- 2) Set counter to 0
- 3) Take word[] as an empty list to count the word characters
- 4) Loop/function: Check the word by breaking into part with one vowel sound (syllable)
- 5) Condition: If the syllable found, increase counter
- 6) Return counter

*This is a difficult task, but do your best and think through the problem. Come up with the best answer you can in five minutes or so.*