

PSEUDOCODE

```
function is_vowel(ch):
```

```
    if ch is 'a' or ch is 'e' or ch is 'i' or ch is 'o' or ch is 'u':
```

```
        return true
```

```
    else:
```

```
        return false
```

```
function is_consonant(ch):
```

```
    if is_vowel(ch) is false:
```

```
        return true
```

```
    else:
```

```
        return false
```

```
function ends_with_double_consonant(word):
```

```
    if length of word < 2:
```

```
        return false
```

```
    else:
```

```
        last_char := last character of word
```

```
        second_last_char := second last character of word
```

```
        if is_consonant(last_char) and is_consonant(second_last_char) and last_char is second_last_char:
```

```
            return true
```

```
        else:
```

```
            return false
```

```
function ends_with_cvc(word):
```

```
    if length of word < 3:
```

```
        return false
```

```
    else:
```

```
        last_char := last character of word
```

```
        second_last_char := second last character of word
```

```
        third_last_char := third last character of word
```

```
        if is_consonant(last_char) and is_vowel(second_last_char) and is_consonant(third_last_char):
```

```
            return true
```

```
        else:
```

```
            return false
```

```
function contains_vowel(word):
```

```
    for each character in word:
```

```
        if is_vowel(character):
```

```
            return true
```

```
    return false
```

```
function count_consonants_at_front(word):
```

```
    count := 0
```

```
    for each character in word:
```

```
        if is_consonant(character):
```

```
            count := count + 1
```

```
        else:
```

```
            break
```

```
    return count
```

```
function count_vowels_at_back(word):
```

```
    count := 0
```

```
    reversed_word := reverse(word)
```

```
    for each character in reversed_word:
```

```
        if is_vowel(character):
```

```
            count := count + 1
```

```
        else:
```

```
            break
```

```
    return count
```

```
function ends_with(candidate, suffix):
```

```
    if length of suffix > length of candidate:
```

```
        return false
```

```
    else if length of suffix is 0:
```

```
        return true
```

```
    else:
```

```
        suffix_length := length of suffix
```

```
        candidate_suffix := last suffix_length characters of candidate
```

```
        if candidate_suffix is suffix:
```

```
            return true
```

```
        else:
```

```
            return false
```

```
function new_ending(candidate, n, replacement):
```

```
    new_string := candidate excluding the last n characters + replacement
```

```
    return new_string
```