

## Ряд спільнокореневих слів

scribe, scribbled, scripting, prescribed, prescribable, prescriptive, prescription,  
describing, describes, description, descriptive

## Porter stemming algorithm for each word

Format

input -> output:

- rule / *rule explanation* / intermediate output of the rule (when final, it is underlined)

1. scribe -> scribe:

- / *no rule* / scribe

2. scribbled -> scribbl:

- (\*v\*) ED -> / *for the stem containing a vowel, suffix ED is removed ("scribbl" contains a vowel)* / scribbl
- BL -> BLE / *if the previous rule is successful, suffix BL is replaced by BLE* / scribble
- (m=1 and not \*o) E -> / *for the stem with measure = 1, suffix E is removed ("(scr)i(bbl)" = cccvccc = C[VC] has measure 1 and does not end with "cvc" so it's not \*o)* / scribbl

3. scripting -> script:

- (\*v\*) ING -> / *for the stem containing a vowel, suffix ING is removed ("script" contains a vowel)* / script

4. prescribed -> prescrib:

- (\*v\*) ED -> / *for the stem containing a vowel, suffix ED is removed ("prescrib" contains a vowel)* / prescrib

5. prescribable -> prescrib:

- (m>1) ABLE -> / *for the stem with measure > 1, suffix ABLE is removed ("(pr)e(scr)i(b)"=C[VC][VC] has measure 2)* / prescrib

6. prescriptive -> prescript:

- (m>1) IVE -> / *for the stem with measure > 1, suffix IVE is removed ("(pr)e(scr)i(pt)"=C[VC][VC] has measure 2)* / prescript

7. prescription -> prescript:

- (m>1 and (\*S or \*T)) ION -> / *for the stem with measure > 1 ending in S or T, suffix ION is removed ("prescript" has measure 2 and ends in T)* / prescript

8. describing -> describ:

- (\*v\*) ING -> / *for the stem containing a vowel, suffix ING is removed ("describ" contains a vowel)* / describ

9. describes -> describ:

- S -> / *suffix S is removed* / describe
- (m>1) E -> / *for the stem with measure > 1, suffix E is removed ("(d)e(scr)i(b)"=C[VC][VC] has measure 2)* / describ

10. description -> descript:

- (m>1 and (\*S or \*T)) ION -> / *for the stem with measure > 1 ending in S or T, suffix ION is removed ("descript" has measure 2 and ends in T)* / descript

11. descriptive -> descript:

- (m>1) IVE -> / *for the stem with measure > 1, suffix IVE is removed ("descript" has measure 2)* / descript