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No of vowels and consonants in a string  
using pointers

### Algorithm

Step 1: start

Step 2: Initialise

vowel = 0

consonant = 0

Step 3: Read line

Step 4: Repeat step 4 for  $i=0$  till  $\text{line} != '\backslash 0'$

if  $(\text{line}[i] == 'a' \parallel \text{line}[i] == 'e' \parallel$

$\text{line}[i] == 'i' \parallel \text{line}[i] == 'o' \parallel$

$\text{line}[i] == 'u' \parallel \text{line}[i] == 'A' \parallel$

$\text{line}[i] == 'E' \parallel \text{line}[i] == 'I' \parallel$

$\text{line}[i] == 'O' \parallel \text{line}[i] == 'U')$

else if  $(\text{line}[i] >= 'a' \& \text{line}[i] <= 'z')$

$\parallel (\text{line}[i] >= 'A' \& \text{line}[i] <= 'Z')$

consonant++

Step 5: Print vowels and consonants.

Step 6: stop.

# Flowchart

