

Lab Goal : This lab was designed to demonstrate the benefits of using Comparable as a way to organize data.

Lab Description : Sort all words by comparing the number of vowels that each word contains. The word with the fewest number of vowels would come first. If you have more than one word with the same number of vowels, that group would be sorted alphabetically.

Input: The first line of the data set for this problem is an integer that represents the number of lines that follow. Each line contains a word to be sorted.

Output: Output the complete list of words in order of vowels.

Sample Data :

```
11
freddy
at
elephant
whooooooooodat
alice
tommy
bobby
it
at
about
```

Files Needed ::

```
Word.java
WordRunner.java
```

Sample Output :

```
at
at
bobby
freddy
it
tommy
about
alice
elephant
whooooooooodat
```