Exercise 1

Write a program to read file **random\_words.txt** using **java.nio.file**

1. Find the longest and shortest words

Write all the words together with their length to a new file **longest\_word.txt**

1. Find the word which has the largest number of vowels (a, e, i, o, u)

Write the word to a new file **vowel\_word.txt**

Exercise 2

Write a program to read file **random\_sentences.txt** using **java.nio.file**

1. Find the sentence with the largest number of words
2. Write the sentence you find in (a) to a new file **result.txt** in the reverse order, e.g.

//random\_sentences.txt: The sun rises in the East

//result.txt: East the in rises sun The