

CSC319 Advanced Java Homework 3
By Pittawat Taveekitworachai 61130500220

Total number of words in the list: 32293 words

Longest word: misunderstandings

Approach used to open file: `Files.readAllLines(...)` from `java.nio.file` (Question 1 use `BufferedReader`)

Signature of processFile: `public static List<String>`

`processFile(UnaryOperator<List<String>> operator)` throws `IOException`

Approach used to sort word list in the reversed order:

- Pass a lambda function to sort word to `processFile` by
 - Use `.sort(...)` with `Comparator.comparing(...)` which accept the way to sort (`String::length` in this case, i.e. number of characters)
 - Use `.reversed()` on the `Comparator.comparing(...)` to sort in decreasing order
 - Return sorted list