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Programming exercise:

Weighting (2 parts)

The exercise template includes the probably familiar project "Cargo hold". However, in this exercise you need to make the for-loop using methods to use streams. The final product should not have any `while (...)` or `for (...)`-loops.

Reading Files Per Line

Implement the static method `public static List<String> read(String file)`, which reads the file with the filename of the parameter and returns the lines as a string list.

Books from file

Add the method `public static List<Book> readBooks(String file)` for the class `BooksFromFile`. It should read the file given as the parameter and forms book data from it.

The exercise template contains the class `Book`, which is used for describing a book. You should presume that the book files are in the following format:

```
name,publishing year,page count,author
```

The name and the author of the book are processed as strings, and the publishing year and the page count are processed as integers. Example of contents of a book file:

```
Do Androids Dream of Electric Sheep?,1968,210,Philip K. Dick  
Love in the Time of Cholera,1985,348,Gabriel Garcia Marquez
```