* Attached is a file that contains data about books.

Each row contains data in the format *<Book Name>,<Author Name>,<Related Technology>*.

Note that there are some duplicate rows in the file which should be eliminated in the outputs.

There are some rows in the file that contain multiple author names. In such cases, author names are delimited by semi-colon.

Keeping in view that the IO concepts of Java are not yet covered, below method is provided that returns the rows in the file as a list of strings. All you need to do is copy the file into classpath (*src* folder of the project will do).

public List<String> readFile(String fileName) throws IOException{

List<String> returnList = new ArrayList<String>(20);

InputStream is = this.getClass().getClassLoader().getResourceAsStream(fileName);

BufferedReader reader = new BufferedReader(new InputStreamReader(is));

for(String tempLine=reader.readLine();tempLine!=null;tempLine=reader.readLine()){

returnList.add(tempLine);

}

return returnList;

}

Write a program, when executed as Java application, reads the file and prints the output spanning three sections (as shown below) to the console–

* None of the sections should contain duplicate rows
* First section should be sorted according to the ‘book name’
* Second section should be sorted according to the ‘technology’
* Third section should be sorted according to the ‘author’s name’