

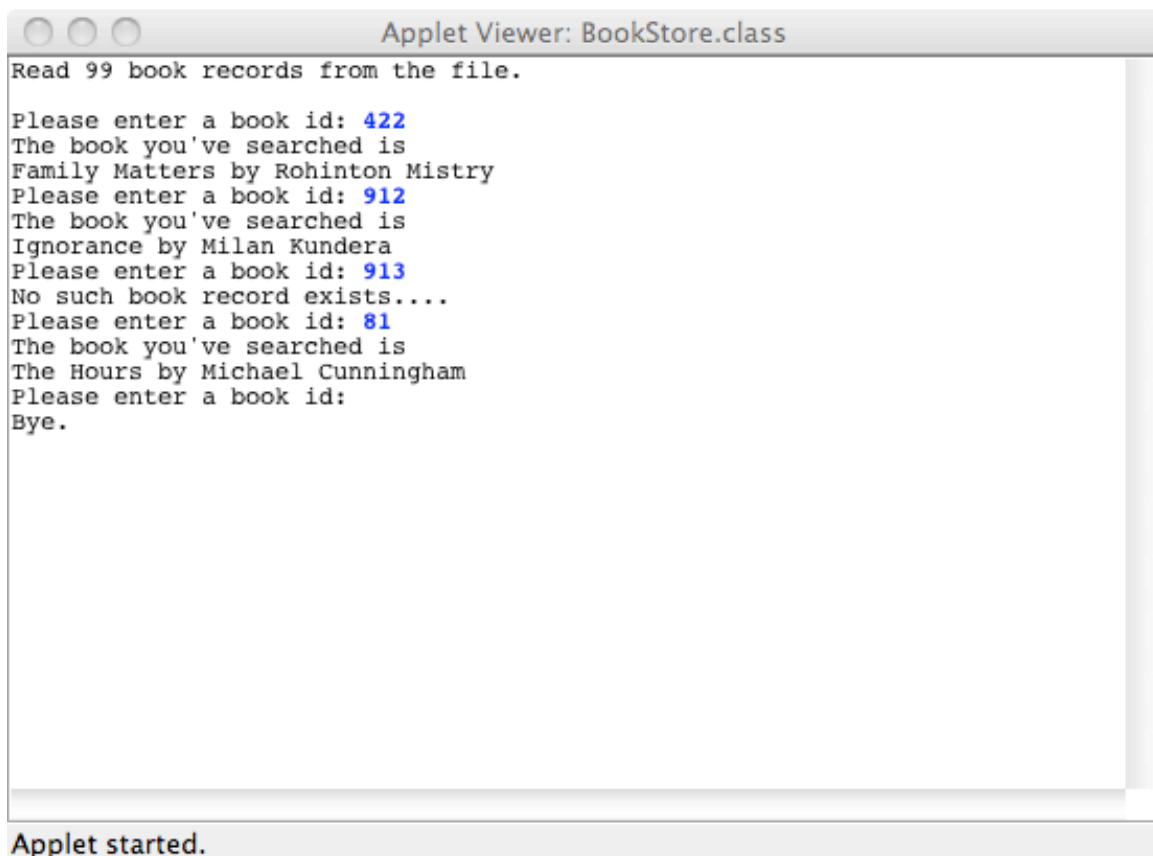
COMP 130 - Introduction to Programming with Java

Class: `BookStore.java`

Write a program that reads a number of book records from a file and then responds to queries of the user by displaying the related book information. The program reads the book records from the text file “books.txt”, which keeps **id**, **title** and **author** of a book on each line. The file format is “id/title/author” for each book (hence the fields corresponding to id, title and author are delimited by “ / ”). While reading the file, the book records are stored in two separate **hashmaps**. The first one is to keep the titles, an `HashMap<Integer,String>`, where keys are book ids and values are titles. The second one is to store the authors, an `HashMap<Integer,String>`, where keys are book ids and values are authors.

After reading the book records from the file and storing them in the hashmaps, the program repeatedly asks user to enter a book id, and then returns the title and the author of the book with that id. If a book record does not exist with the provided id, then the program reports this. The program continues asking for book ids until a blank line is entered as input by the user. See the sample run below for specifics of the required output.

Sample Run:



```
Applet Viewer: BookStore.class
Read 99 book records from the file.

Please enter a book id: 422
The book you've searched is
Family Matters by Rohinton Mistry
Please enter a book id: 912
The book you've searched is
Ignorance by Milan Kundera
Please enter a book id: 913
No such book record exists....
Please enter a book id: 81
The book you've searched is
The Hours by Michael Cunningham
Please enter a book id:
Bye.

Applet started.
```