

Lab 5

In this Lab 5 a graphical user interface is built using the JOptionPane, which is a java package used to provide standard dialog boxes such as message dialog box, confirm dialog box and input dialog box. I used Xming server for display purposes. The GUI is built to find out the exact location of the books in the database and the number of books that are currently available in that location.

The task is accomplished using three ways:

- 1) ISBN of the Book
- 2) Book Title
- 3) Author Name

ISBN of the Book:

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Asking for MemberID
Got MemberID: 2011

Got ISBN: 96-42103-10800
ISBN: 96-42103-10800
Book Title: Green is Your Friend
Year: 2000

Library: Main
Shelf: 8
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Book Title:

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Asking for MemberID
Got MemberID: 2012

Count: 1

ISBN: 96-42103-10604
Book Title: Using the Library
Year: 1993

ISBN: 96-42103-10604
Count: 3

Library: Main
Shelf: 8
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Author Name:

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Asking for MemberID  
Got MemberID: 2011  
  
Author is : Roger Ramjet  
  
Author is : Roger Thornhill  
  
ISBN: 96-42103-10008  
  
ISBN: 96-42103-10008  
Book Title: Sam Needs a Friend  
Year: 2013  
  
Library: South Park  
Shelf: 7  
  
Library: Main  
Shelf: 3
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