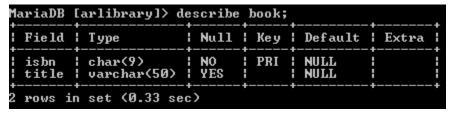
## Library System (Continued) - Server/Client (Part 2)

 Create a database named "arlibrary" and a table named "book" that contains ISBN and title fields.

## Structure of "book" table



Submit the commands you use to create database and table by using Notepad or MS Words or type the commands in the email you send for submission of this assignment.

Insert a book with the following information directly into the "arlibrary" database using MySQL command.

ISBN: 123456780 Title: Absolute Java

**Note:** This is not mulibrary, so you must **NOT** use the GUI to insert. Just run an insert command directly in MySQL database.

Submit the commands you use to insert data into the book table by using Notepad or MS Words or type the commands in the email you send for submission of this assignment.

Create a Java program called "ARLibraryServer.java" which will perform as the Arlington library server. Develop the server program that waits to receive a message (ISBN) from MU Library system.

## Sample run:

```
> run ARLibraryServer
Arington Library Server is running...
```

4. Modify "MULibrary.java" from the first part so that when the "Search ISBN – Arlington Library" button is clicked, it sends the ISBN to the "ARLibraryServer". The server will then search for the book in "arlibrary" database using ISBN received from MULibrary and return the title to MULibrary if the book is found. If it is not found then return a different message such as "No" or "Not Found".

## Sample run:

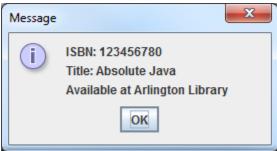
a. Run "ARLibraryServer", if you haven't done so.

```
> run ARLibraryServer
Arington Library Server is running...
```

b. Run "MULibrary" and enter an ISBN to search.



c. When "Search ISBN – Arlington Library" is clicked, the ISBN entered is sent to ARLibraryServer to perform a search, then return the title to MULibrary if the book is found. The MULibrary then displays the following message.



d. If the book is not found, the following message is displayed by MULibrary.

