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| Changtongs-Air:project Nicole\_Zhou$ ./output library.db  loading db library.db  library.db was loaded successfully. The database has 5 books, 3 authors, 2 publishers.  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  Enter the number corresponding to operations:  1) Insert author  2) Delete author  3) select books  4) select authors  5) select publishers  6) Import additional books from a file  7) quit  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  Please select a number from the menu.  6  please type file name  newbooks.txt  file name is: newbooks.txt  loading file newbooks.txt  5 books, 4 authors, and 5 publishers were imported. The library now has 10 books, 7 authors, 7 publishers  Please select a number from the menu.  4  Please use SQL syntax to select authors:  e.g. select \* from authors where firstname like '%word%'  e.g.2. select \* from authors  select \* from authors  author id: 501  author firstName: Nicole  author lastName: Zhou  # of books wrote: 2  author id: 502  author firstName: Hua  author lastName: Xiang  # of books wrote: 2  author id: 503  author firstName: Paul  author lastName: Chen  # of books wrote: 1  author id: 506  author firstName: Catherine  author lastName: Coulter  # of books wrote: 1  author id: 508  author firstName: Helen  author lastName: Dickson  # of books wrote: 2  author id: 610  author firstName: Ellen  author lastName: Fitzgerald  # of books wrote: 1  author id: 780  author firstName: Janette  author lastName: Oke  # of books wrote: 1  Please select a number from the menu.  1  Please use SQL syntax to insert an author:  e.g. insert into author values ("firstname", "lastname")  insert into author values ("Nikki", "Zee")  input string is: insert into author values ("Nikki", "Zee")  you entered firstname: Nikki, lastname: Zee  Element inserted successfully  Please enter a file name to store new data after insertion.  afterInsertion.txt  file name is: afterInsertion.txt  Successfully loaded new data into your file after operations.  Please select a number from the menu.  4  Please use SQL syntax to select authors:  e.g. select \* from authors where firstname like '%word%'  e.g.2. select \* from authors  select \* from authors where firstname like '%Nikki%'  Author found:  author id: 781  author name: Nikki, Zee  # of books wrote: 0  Please select a number from the menu.  2  Please use SQL syntax to delete an author:  e.g. delete author id  delete author 781  a\_id is: 781  Element removed successfully  Please enter a file name to store new data after deletion.  afterDeletion.txt  file name is: afterDeletion.txt  Successfully loaded new data into your file after operations.  Please select a number from the menu.  4  Please use SQL syntax to select authors:  e.g. select \* from authors where firstname like '%word%'  e.g.2. select \* from authors  select \* from authors where firstname like '%Nikki%'  Author NOT found.  Please select a number from the menu.  3  Please use SQL syntax to select a book:  e.g.1. select \* from books where title like '%word%'  e.g.2. select \* from books  select \* from books  book id: 1  book title: testing1  book year: 2010  book price: 89.99  author name: Hua Xiang  book id: 2  book title: testing2  book year: 2011  book price: 100.00  author name: Nicole Zhou  book id: 3  book title: testing3  book year: 1993  book price: 26.50  author name: Paul Chen  book id: 4  book title: testing4  book year: 2002  book price: 205.60  author name: Nicole Zhou  book id: 5  book title: testing5  book year: 2018  book price: 38.90  author name: Hua Xiang  book id: 6  book title: The Property of A Gentleman  book year: 2005  book price: 10.00  author name: Helen Dickson  book id: 7  book title: The Frensham inheritance  book year: 2016  book price: 57.94  author name: Janette Oke  book id: 8  book title: The gambler's bride  book year: 2002  book price: 51.27  author name: Ellen Fitzgerald  book id: 9  book title: Beauty and the Beastie  book year: 1999  book price: 21.84  author name: Helen Dickson  book id: 10  book title: For the Heart  book year: 2005  book price: 78.00  author name: Catherine Coulter  Please select a number from the menu.  3  Please use SQL syntax to selete a book:  e.g.1. select \* from books where title like '%word%'  e.g.2. select \* from books  select \* from books where title like '%For the Heart%'  input has \*  look for item: title  Book found:  book id: 10  book title: For the Heart  book year: 2005  book price: 78.00  author name: Catherine Coulter  Please select a number from the menu.  5  Please use SQL syntax to select publishers:  e.g. select \* from publishers  select \* from publishers  publisher id: 801  publisher name: pub1  # of books published: 9  publisher id: 802  publisher name: pub  # of books published: 5  publisher id: 805  publisher name: puba  # of books published: 1  publisher id: 850  publisher name: pubc  # of books published: 1  publisher id: 880  publisher name: pube  # of books published: 1  publisher id: 900  publisher name: pubb  # of books published: 1  publisher id: 910  publisher name: pubd  # of books published: 1  Please select a number from the menu.  7  Quit the system.  Changtongs-Air:project Nicole\_Zhou$ |