Query Results

-Select all authors from the **authors** table, order the information alphabetically by the author’s lastname and firstname – getAllAuthors()

SELECT lastName,firstName FROM authors ORDER BY lastName ASC, firstName ASC

Authors:

Bryant, Randal

Coopman, Stephanie

Cormen, Thomas

Epp, Susanna

Garcia-Molina, Hector

Horstmann, Cay

Kernighan, Brian

Lay, David

Lowry, Lois

Marsden, Jerrold

Murach, Joel

Nechyba, Thomas

Peterson, Larry

Sipser, Michael

Stewart, James

-Select all publishers from the **publishers** table – getAllPublishers()

SELECT publisherName FROM publishers

Publishers:

Pearson Prentice Hall

Wiley

Addison-Wesley Professional

Cengage Learning

Random House Children's Books

The MIT Press

Morgan Kaufmann

Freeman

Mike Murach & Associates

McGraw-Hill

Scholastic

Houghton Mifflin Harcourt

Harper Collins

Simon & Schuster

Perseus

-Select a specific publisher and list all books published by that publisher, include title, year and ISBN number order information alphabetically by title – getAllTitlesFromPublisher()

SELECT title,copyright,isbn FROM titles WHERE publisherID = ANY (SELECT publisherID FROM publishers WHERE publisherName='Pearson Prentice Hall') ORDER BY title ASC

titles from Publishers (title,year,isbn)

Computer Systems: A Programmer's Perspective, 2011, 0136108040

Database Systems: The Complete Book, 2009, 0131873253

Linear Algebra and Its Applications, 2011, 0321385179

The C Programming Language, 1988, 0131103628

-Add new author – addNewAuthor()

Current Authors:

Cay Horstmann

Hector Garcia-Molina

James Stewart

Lois Lowry

Thomas Cormen

Randal Bryant

Brian Kernighan

Larry Peterson

Joel Murach

David Lay

Jerrold Marsden

Stephanie Coopman

Thomas Nechyba

Susanna Epp

Michael Sipser

INSERT INTO authors(firstName, lastName) VALUES('William','Shakespeare')

Query OK, 1 row affected

After Query Authors:

Cay Horstmann

Hector Garcia-Molina

James Stewart

Lois Lowry

Thomas Cormen

Randal Bryant

Brian Kernighan

Larry Peterson

Joel Murach

David Lay

Jerrold Marsden

Stephanie Coopman

Thomas Nechyba

Susanna Epp

Michael Sipser

William Shakespeare

-Edit/Update the existing information about an author – editAuthor()

Current Authors:

Cay Horstmann

Hector Garcia-Molina

James Stewart

Lois Lowry

Thomas Cormen

Randal Bryant

Brian Kernighan

Larry Peterson

Joel Murach

David Lay

Jerrold Marsden

Stephanie Coopman

Thomas Nechyba

Susanna Epp

Michael Sipser

William Shakespeare

UPDATE authors SET lastName = 'Jordan' WHERE firstName = 'Michael' AND lastName = 'Sipser'

Query OK, 1 row affected

After Query Authors:

Cay Horstmann

Hector Garcia-Molina

James Stewart

Lois Lowry

Thomas Cormen

Randal Bryant

Brian Kernighan

Larry Peterson

Joel Murach

David Lay

Jerrold Marsden

Stephanie Coopman

Thomas Nechyba

Susanna Epp

Michael Jordan

William Shakespeare

-Add a new title for an author – addNewTitle()

Current Titles:

Computer Networks, Fifth Edition: A Systems Approach

The C Programming Language

Database Systems: The Complete Book

Computer Systems: A Programmer's Perspective

Introduction to Algorithms

Linear Algebra and Its Applications

Scala for the Impatient

The Giver

Big Java: Compatible with Java 5, 6 and 7

Discrete Mathematics with Applications

Public Speaking: The Evolving Art

Microeconomics: An Intuitive Approach with Calculus

Calculus

Vector Calculus

Murach's Java Servlets and JSP

INSERT INTO titles(isbn,title,editionNumber,copyright,publisherID,price) VALUES('0471744875','Object-Oriented Design and Patterns',2,'2005',(SELECT publisherID FROM publishers WHERE publisherName='Wiley'),99.4)

Query OK, 1 row affected

After query Titles:

Computer Networks, Fifth Edition: A Systems Approach

The C Programming Language

Database Systems: The Complete Book

Computer Systems: A Programmer's Perspective

Introduction to Algorithms

Linear Algebra and Its Applications

Scala for the Impatient

The Giver

Big Java: Compatible with Java 5, 6 and 7

Object-Oriented Design and Patterns

Discrete Mathematics with Applications

Public Speaking: The Evolving Art

Microeconomics: An Intuitive Approach with Calculus

Calculus

Vector Calculus

Murach's Java Servlets and JSP

Current ISBN with AuthorID:

2 0131873253

1 0470509481

1 0321774094

3 0538497815

4 0440237688

5 0262033844

6 0136108040

7 0131103628

8 0123850592

9 1890774782

10 0321385179

11 0716749920

12 049590578X

13 0538453247

14 0495391328

INSERT INTO authorISBN(isbn,authorID) VALUES ('0471744875',(SELECT authorID FROM authors WHERE firstName='Cay' AND lastName='Horstmann'))

Query OK, 1 row affected

After Query ISBN with AuthorID:

2 0131873253

1 0470509481

1 0321774094

3 0538497815

4 0440237688

5 0262033844

6 0136108040

7 0131103628

8 0123850592

9 1890774782

10 0321385179

11 0716749920

12 049590578X

13 0538453247

14 0495391328

1 0471744875

-Add new publisher – addNewPublisher()

Current Publishers:

Pearson Prentice Hall

Wiley

Addison-Wesley Professional

Cengage Learning

Random House Children's Books

The MIT Press

Morgan Kaufmann

Freeman

Mike Murach & Associates

McGraw-Hill

Scholastic

Houghton Mifflin Harcourt

Harper Collins

Simon & Schuster

Perseus

INSERT INTO publishers(publisherName) VALUES('Cambridge University Press')

Query OK, 1 row affected

After Query Publishers:

Pearson Prentice Hall

Wiley

Addison-Wesley Professional

Cengage Learning

Random House Children's Books

The MIT Press

Morgan Kaufmann

Freeman

Mike Murach & Associates

McGraw-Hill

Scholastic

Houghton Mifflin Harcourt

Harper Collins

Simon & Schuster

Perseus

Cambridge University Press

-Edit/Update the existing information about a publisher – editPublisher()

Current Publishers:

Pearson Prentice Hall

Wiley

Addison-Wesley Professional

Cengage Learning

Random House Children's Books

The MIT Press

Morgan Kaufmann

Freeman

Mike Murach & Associates

McGraw-Hill

Scholastic

Houghton Mifflin Harcourt

Harper Collins

Simon & Schuster

Perseus

Cambridge University Press

UPDATE publishers SET publisherName = 'Prentice Hall' WHERE publisherName='Pearson Prentice Hall'

Query OK, 1 row affected

After Query Publishers:

Prentice Hall

Wiley

Addison-Wesley Professional

Cengage Learning

Random House Children's Books

The MIT Press

Morgan Kaufmann

Freeman

Mike Murach & Associates

McGraw-Hill

Scholastic

Houghton Mifflin Harcourt

Harper Collins

Simon & Schuster

Perseus

Cambridge University Press