

1. Display a list of all data contained in the BOOKS table.

Rows10Clear CommandFind TablesSaveRun

SELECT * FROM books

Results

ExplainDescribeSaved SQLHistory

ISBN	TITLE	PUBDATE	PUBID	COST	RETAIL	DISCOUNT	CATEGORY
1059831198	BODYBUILD IN 10 MINUTES A DAY	21-Jan-2005	4	18.75	30.95	-	FITNESS
0401140733	REVENGE OF MICKEY	14-Dec-2005	1	14.2	22	-	FAMILY LIFE
4981341710	BUILDING A CAR WITH TOOTHPICKS	18-Mar-2006	2	37.8	59.95	3	CHILDREN
8843172113	DATABASE IMPLEMENTATION	04-Jun-2003	3	31.4	55.95	-	COMPUTER
3437212490	COOKING WITH MUSHROOMS	28-Feb-2004	4	12.5	19.95	-	COOKING
3957136468	HOLY GRAIL OF ORACLE	31-Dec-2005	3	47.25	75.95	3.8	COMPUTER
1915762492	HANDCRANKED COMPUTERS	21-Jan-2005	3	21.8	25	-	COMPUTER

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2. List the title only of all books available in inventory, using the BOOKS table.

Rows10Clear CommandFind TablesSaveRun

SELECT title FROM books

Results

ExplainDescribeSaved SQLHistory

TITLE
BODYBUILD IN 10 MINUTES A DAY
REVENGE OF MICKEY
BUILDING A CAR WITH TOOTHPICKS
DATABASE IMPLEMENTATION
COOKING WITH MUSHROOMS
HOLY GRAIL OF ORACLE
HANDCRANKED COMPUTERS

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3. List the title and publication date for each book in the BOOKS table. Use the column heading “Publication Date” for the Pubdate field.

Rows10

Clear CommandFind Tables

SaveRun

SELECT title, pubdate AS "Publication Date" FROM books

Results

ExplainDescribeSaved SQLHistory

TITLE	Publication Date
BODYBUILD IN 10 MINUTES A DAY	21-Jan-2005
REVENGE OF MICKEY	14-Dec-2005
BUILDING A CAR WITH TOOTHPICKS	18-Mar-2006
DATABASE IMPLEMENTATION	04-Jun-2003
COOKING WITH MUSHROOMS	28-Feb-2004
HOLY GRAIL OF ORACLE	31-Dec-2005
HANDCRANKED COMPUTERS	21-Jan-2005

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4. List the customer number for each customer in the CUSTOMERS table, along with the city and state in which the customer lives.

Rows10

Clear CommandFind Tables

SaveRun

SELECT customer#, city, state FROM customers

Results

ExplainDescribeSaved SQLHistory

CUSTOMER#	CITY	STATE
1001	EASTPOINT	FL
1002	SANTA MONICA	CA
1003	TALLAHASSEE	FL
1004	BOISE	ID
1005	SEATTLE	WA
1006	ALBANY	NY
1007	AUSTIN	TX

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5. Create a list containing the publisher’s name, the person usually contacted, and the publisher’s telephone number. Rename the contact column “Contact Person” in the displayed results. (Hint: Use the PUBLISHER table.)

Rows10

Clear CommandFind Tables

SaveRun

SELECT name, contact AS "Contact Person", phone FROM publisher

Results

ExplainDescribeSaved SQLHistory

NAME	Contact Person	PHONE
PRINTING IS US	TOMMIE SEYMOUR	000-714-8321
PUBLISH OUR WAY	JANE TOMLIN	010-410-0010
AMERICAN PUBLISHING	DAVID DAVIDSON	800-555-1211
READING MATERIALS INC.	RENEE SMITH	800-555-9743
REED-N-RITE	SEBASTIAN JONES	800-555-8284

5 rows returned in 0.00 secondsDownload

6. Determine which categories are represented in the current book inventory. List each category only once.

Rows10

Clear CommandFind Tables

SaveRun

SELECT UNIQUE category FROM books

Results

ExplainDescribeSaved SQLHistory

CATEGORY
COMPUTER
COOKING
CHILDREN
LITERATURE
BUSINESS
FITNESS
FAMILY LIFE
SELF-HELP

7. List the customer number from the ORDERS table for each customer who has placed an order with the bookstore. List each customer number only once.

Rows10Clear CommandFind TablesSaveRun

SELECT UNIQUE customer# FROM orders

ResultsExplainDescribeSaved SQLHistory

CUSTOMER#
1011
1003
1017
1001
1007
1010
1004

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8. Create a list of each book title stored in the BOOKS table and the category in which each book belongs. Reverse the sequence of the columns so that the category of each book is listed first.

Rows10Clear CommandFind TablesSaveRun

SELECT category, title FROM books

ResultsExplainDescribeSaved SQLHistory

CATEGORY	TITLE
FITNESS	BODYBUILD IN 10 MINUTES A DAY
FAMILY LIFE	REVENGE OF MICKEY
CHILDREN	BUILDING A CAR WITH TOOTHPICKS
COMPUTER	DATABASE IMPLEMENTATION
COOKING	COOKING WITH MUSHROOMS
COMPUTER	HOLY GRAIL OF ORACLE
COMPUTER	HANDCRANKED COMPUTERS

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9. Create a list of authors that displays the last name followed by the first name for each author. The last names and first names should be separated by a comma and a blank space.

Rows10Clear CommandFind TablesSaveRun

SELECT lname || ', ' || fname AS "Last-name, First-name" FROM author

ResultsExplainDescribeSaved SQLHistory

Last-name, First-name
SMITH, SAM
JONES, JANICE
AUSTIN, JAMES
MARTINEZ, SHEILA
KZOSCHSKY, TAMARA
PORTER, LISA
ADAMS, JUAN

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10. List all information for each order item. Include an item total, which can be calculated by multiplying the Quantity and Paideach columns. Use a column alias for the calculated value to show the heading “Item Total” in the output.

Rows10Clear CommandFind TablesSaveRun

SELECT order#, item#, ISBN, quantity, paideach, (quantity * paideach) AS "Item Total" FROM orderitems

ResultsExplainDescribeSaved SQLHistory

ORDER#	ITEM#	ISBN	QUANTITY	PAIDEACH	Item Total
1000	1	3437212490	1	19.95	19.95
1001	1	9247381001	1	31.95	31.95
1001	2	2491748320	1	85.45	85.45
1002	1	8843172113	2	55.95	111.9
1003	1	8843172113	1	55.95	55.95
1003	2	1059831198	1	30.95	30.95
1003	3	3437212490	1	19.95	19.95

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