

Lab 8

1. Which customers live in New Jersey? List each customer's last name, first name, and state.

Rows10

Clear CommandFind Tables

SaveRun

```
select lastname, firstname, state from customers
where state = 'NJ'
```

Results

ExplainDescribeSaved SQLHistory

LASTNAME	FIRSTNAME	STATE
SMITH	JENNIFER	NJ
FALAH	KENNETH	NJ

2 rows returned in 0.00 secondsDownload

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2. Which orders shipped after April 1, 2009? List each order number and the date it shipped.

Rows10

Clear CommandFind Tables

SaveRun

```
select order#, shipdate from orders
where shipdate > '1-apr-09'
```

Results

ExplainDescribeSaved SQLHistory

ORDER#	SHIPDATE
1000	02-Apr-2009
1001	01-Apr-2009
1002	01-Apr-2009
1003	01-Apr-2009
1004	05-Apr-2009
1005	02-Apr-2009
1006	02-Apr-2009

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3. Which books aren't in the Fitness category? List each book title and category.

Rows
10
Clear Command
Find Tables
Save
Run

```
select title, category from books
where category <> 'FITNESS'
```

Results
Explain
Describe
Saved SQL
History

TITLE	CATEGORY
REVENGE OF MICKEY	FAMILY LIFE
BUILDING A CAR WITH TOOTHPICKS	CHILDREN
DATABASE IMPLEMENTATION	COMPUTER
COOKING WITH MUSHROOMS	COOKING
HOLY GRAIL OF ORACLE	COMPUTER
HANDCRANKED COMPUTERS	COMPUTER
E BUSINESS THE EASY WAY	COMPUTER

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4Which customers live in Georgia or New Jersey? Put the results in ascending order by last name. List each customer’s customer number, last name, and state. Write this query in two different ways.

Rows
10
Clear Command
Find Tables
Save
Run

```
select customer#, lastname, state from customers
where state = 'GA' or state = 'NJ' order by lastname
```

Results
Explain
Describe
Saved SQL
History

CUSTOMER#	LASTNAME	STATE
1020	FALAH	NJ
1010	LUCAS	GA
1018	MONTIASA	GA
1019	SMITH	NJ

4 rows returned in 0.03 seconds
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5. Which orders were placed on or before April 1, 2009? List each order number and order date. Write this query in two different ways.

Rows 10 Clear Command Find Tables Save Run

select order#, orderdate from orders
where orderdate > '1-Apr-09'

2

Results Explain Describe Saved SQL History

ORDER#	ORDERDATE
1000	31-Mar-2009
1001	31-Mar-2009
1002	31-Mar-2009
1003	01-Apr-2009
1004	01-Apr-2009
1005	01-Apr-2009
1006	01-Apr-2009

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6. List all authors whose last name contains the letter pattern “IN.” Put the results in order of last name, then first name. List each author’s last name and first name.

Rows 10 Clear Command Find Tables Save Run

select lname, fname from author
where lname like '%IN%'
order by lname, fname

6

Results Explain Describe Saved SQL History

LNAME	FNAME
AUSTIN	JAMES
MARTINEZ	SHEILA
ROBINSON	ROBERT
WILKINSON	ANTHONY

4 rows returned in 0.00 seconds [Download](#)

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7. List all customers who were referred to the bookstore by another customer. List each customer's last name and the number of the customer who made the referral.

Rows 10 Clear Command Find Tables Save Run

select referred, lastname from customers
where referred > 0

Results Explain Describe Saved SQL History

REFERRED	LASTNAME
1003	GIANA
1003	PEREZ
1006	NGUYEN
1010	DAUM
1003	SMITH

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8. Display the book title and category for all books in the Children and Cooking categories. Create three different queries to accomplish this task: a) a search pattern operation, b) a logical operator, and c) another operator not used in a or b.

9. Use a search pattern to find any book title with “A” for the second letter and “N” for the fourth letter. List each book's ISBN and title. Sort the list by title in descending order.

Rows 10 Clear Command Find Tables Save Run

select isbn, title from books
where title like 'A N%'
order by title desc

Results Explain Describe Saved SQL History

ISBN	TITLE
2491748320	PAINLESS CHILD-REARING

1 rows returned in 0.00 seconds Download

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10. List the title and publish date of any computer book published in 2005. Perform the task of searching for the publish date by using three different methods:
a) a range operator, b) a logical operator, and c) a search pattern operation.

Rows10

Clear CommandFind Tables

SaveRun

```
select title, pubdate from books
where pubid like '%5'
```

Results

ExplainDescribeSaved SQLHistory

TITLE	PUBDATE
PAINLESS CHILD-REARING	17-Jul-2004
BIG BEAR AND LITTLE DOVE	08-Nov-2005
SHORTEST POEMS	01-May-2005

3 rows returned in 0.00 secondsDownload