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SQL SELECT, WHERE, DISTINCT practice

1. Write a select statement to return all columns and rows from the customer table.

SELECT \* FROM customer;

524 1 "Jared" "Ely" "jared.ely@sakilacustomer.org"

1 1 "Mary" "Smith" "mary.smith@sakilacustomer.org"

2 1 "Patricia" "Johnson" "patricia.johnson@sakilacustomer.org"

3 1 "Linda" "Williams" "linda.williams@sakilacustomer.org"

4 2 "Barbara" "Jones" "[barbara.jones@sakilacustomer.org](mailto:barbara.jones@sakilacustomer.org)"

530 true "2006-02-14" "2013-05-26 14:49:45.738" 1

5 true "2006-02-14" "2013-05-26 14:49:45.738" 1

6 true "2006-02-14" "2013-05-26 14:49:45.738" 1

7 true "2006-02-14" "2013-05-26 14:49:45.738" 1

8 true "2006-02-14" "2013-05-26 14:49:45.738" 1

9 true "2006-02-14" "2013-05-26 14:49:45.738" 1

1. Write a query to select first name, last name, and email from the customer table.

SELECT first\_name, last\_name, email FROM customer;

524 1 "Jared" "Ely" "jared.ely@sakilacustomer.org"

1 1 "Mary" "Smith" "mary.smith@sakilacustomer.org"

2 1 "Patricia" "Johnson" "patricia.johnson@sakilacustomer.org"

3 1 "Linda" "Williams" "linda.williams@sakilacustomer.org"

4 2 "Barbara" "Jones" "barbara.jones@sakilacustomer.org"

1. Write a query to return all rows and columns from the film table.

SELECT \* FROM film;

133 "Chamber Italian" "A Fateful Reflection of a Moose And a Husband who must Overcome a Monkey in Nigeria" 2006 1 7

384 "Grosse Wonderful" "A Epic Drama of a Cat And a Explorer who must Redeem a Moose in Australia" 2006 1 5

8 "Airport Pollock" "A Epic Tale of a Moose And a Girl who must Confront a Monkey in Ancient India" 2006 1 6

98 "Bright Encounters" "A Fateful Yarn of a Lumberjack And a Feminist who must Conquer a Student in A Jet Boat" 2006 1 4

1 "Academy Dinosaur" "A Epic Drama of a Feminist And a Mad Scientist who must Battle a Teacher in The Canadian Rockies" 2006 1 6

2 "Ace Goldfinger" "A Astounding Epistle of a Database Administrator And a Explorer who must Find a Car in Ancient China" 2006 1 3

1. Write a query to return unique rows from the release\_year column in the film table.

SELECT DISTINCT release\_year FROM film;

2006

1. Write a query to return unique rows from the rental\_rate column in the film table.

SELECT DISTINCT rental\_rate FROM film;

2.99

4.99

0.99

1. A customer left us some feedback about our store. Write a query to find her email address – for Nancy Thomas.

SELECT email FROM customer WHERE first\_name=’Nancy’ and last\_name=’Thomas’

"nancy.thomas@sakilacustomer.org"1

1. We’re trying to find a customer located at a certain address ‘259 Ipoh Drive’ – can you find their phone number?

SELECT phone\_number FROM customer WHERE address=’259 Ipoh Drive’;

1. Write a query from the customer table, where store id is 1 and address id is greater than 150.

SELECT\* FROM customer WHERE store\_id=1 and address\_id>1

524 1 "Jared" "Ely" "jared.ely@sakilacustomer.org" 530 true "2006-02-14" "2013-05-26 14:49:45.738" 1

148 1 "Eleanor" "Hunt" "eleanor.hunt@sakilacustomer.org" 152 true "2006-02-14" "2013-05-26 14:49:45.738" 1

149 1 "Valerie" "Black" "valerie.black@sakilacustomer.org" 153 true "2006-02-14" "2013-05-26 14:49:45.738" 1

152 1 "Alicia" "Mills" "alicia.mills@sakilacustomer.org" 156 true "2006-02-14" "2013-05-26 14:49:45.738" 1

155 1 "Gail" "Knight" "gail.knight@sakilacustomer.org" 159 true "2006-02-14" "2013-05-26 14:49:45.738" 1

156 1 "Bertha" "Ferguson" "bertha.ferguson@sakilacustomer.org" 160 true "2006-02-14" "2013-05-26 14:49:45.738" 1

158 1 "Veronica" "Stone" "veronica.stone@sakilacustomer.org" 162 true "2006-02-14" "2013-05-26 14:49:45.738" 1

1. Write a query from the payment table where the amount is either 4.99 or 1.99.

SELECT\*FROM payment WHERE amount=1.99 or amount=4.99;

17504 341 1 1778 1.99 "2007-02-16 17:23:14.996577"

17512 343 2 1547 4.99 "2007-02-16 00:10:50.996577"

17520 344 2 1475 4.99 "2007-02-15 19:36:27.996577"

17523 345 1 1457 4.99 "2007-02-15 18:34:15.996577"

17525 345 2 2766 4.99 "2007-02-19 16:13:41.996577"

17531 347 1 3026 4.99 "2007-02-20 10:16:26.996577"

1. Write a query to return a list of transitions from the payment table where the amount is greater than 5.

SELECT \* FROM payment WHERE amount>5

17503 341 2 1520 7.99 "2007-02-15 22:25:46.996577"

17505 341 1 1849 7.99 "2007-02-16 22:41:45.996577"

17507 341 2 3130 7.99 "2007-02-20 17:31:48.996577"

17508 341 1 3382 5.99 "2007-02-21 12:33:49.996577"

17509 342 2 2190 5.99 "2007-02-17 23:58:17.996577"

17510 342 1 2914 5.99 "2007-02-20 02:11:44.996577"