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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



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

SELECT first_name, last_name, email FROM customer

4	first_name character varying (45)	last_name character varying (45)	email character varying (50)
1	Jared	Ely	jared.ely@sakilacustomer.org
2	Mary	Smith	mary.smith@sakilacustomer.org
3	Patricia	Johnson	patricia.johnson@sakilacustomer.org
4	Linda	Williams	linda.williams@sakilacustomer.org
5	Barbara	Jones	barbara.jones@sakilacustomer.org
6	Elizabeth	Brown	elizabeth.brown@sakilacustomer.org
7	Jennifer	Davis	jennifer.davis@sakilacustomer.org
8	Maria	Miller	maria.miller@sakilacustomer.org
9	Susan	Wilson	susan.wilson@sakilacustomer.org
10	Margaret	Moore	margaret moore@eabilacustomer.org

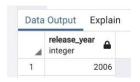
3. Write a query to return all rows and columns from the film table.

SELECT * FROM film

title character varying (255)	description text	release_year integer	language_id smallint	rental_duration smallint
Chamber Italian	A Fateful Reflection of a Moose And a Husband who must Overcome a Monkey in Nigeria	2006	1	
Grosse Wonderful	A Epic Drama of a Cat And a Explorer who must Redeem a Moose in Australia	2006	1	
Airport Pollock	A Epic Tale of a Moose And a Girl who must Confront a Monkey in Ancient India	2006	1	
Bright Encounters	A Fateful Yarn of a Lumberjack And a Feminist who must Conquer a Student in A Jet Boat	2006	1	
Academy Dinosaur	A Epic Drama of a Feminist And a Mad Scientist who must Battle a Teacher in The Canadian Rockies	2006	1	
Ace Goldfinger	A Astounding Epistle of a Database Administrator And a Explorer who must Find a Car in Ancient China	2006	1	
Adaptation Holes	A Astounding Reflection of a Lumberjack And a Car who must Sink a Lumberjack in A Baloon Factory	2006	1	
Affair Prejudice	A Fanciful Documentary of a Frisbee And a Lumberjack who must Chase a Monkey in A Shark Tank	2006	1	
African Egg	A Fast-Paced Documentary of a Pastry Chef And a Dentist who must Pursue a Forensic Psychologist in The Gulf of Mexico	2006	1	
Agent Truman	A Intrepid Panorama of a Robot And a Boy who must Escape a Sumo Wrestler in Ancient China	2006	1	
Airplane Sierra	A Touching Saga of a Hunter And a Butler who must Discover a Butler in A Jet Boat	2006	1	

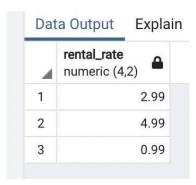
4. Write a query to return unique rows from the release_year column in the film table.

SELECT DISTINCT release_year FROM film



5. Write a query to return unique rows from the rental_rate column in the film table.

SELECT DISTINCT rental_rate FROM film



6. 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 email LIKE '%nancy%';



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

SELECT phone FROM address

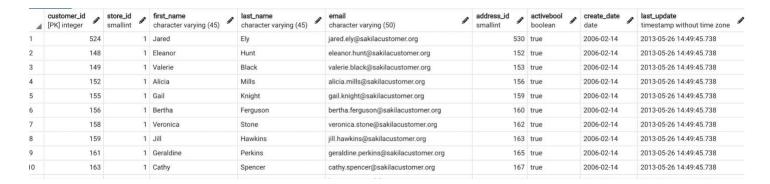
WHERE address LIKE '%259 Ipoh Drive%'



8. 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 > 150;



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

SELECT amount FROM payment

WHERE amount = 4.99 OR amount = 1.99;

Data Output		Explain	Messages	Ν
4	amour	nt ic (5,2)		
1		1.99):	
2		4.99		
3		4.99	0	
4		4.99)	
5		4.99)	
6		4.99		
7		4.99		

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

SELECT amount, payment_date FROM payment

WHERE amount > 5;

ata Output Explain		Messages Notifications	
4	amount numeric (5,2)	payment_date timestamp without time zone	
1	7.99	2007-02-15 22:25:46.996577	
2	7.99	2007-02-16 22:41:45.996577	
3	7.99	2007-02-20 17:31:48.996577	
4	5.99	2007-02-21 12:33:49.996577	
5	5.99	2007-02-17 23:58:17.996577	
6	5.99	2007-02-20 02:11:44.996577	
7	6.99	2007-02-16 01:15:33.996577	
8	6.99	2007-02-18 18:26:38.996577	