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SQL SELECT, WHERE, DISTINCT practice

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

Query Editor

Query History

1

select*from customer;

Data Output

Explain

Messages

Notifications

	customer_id [PK] integer	store_id smallint	first_name character varying (45)	last_name character varying (45)	email character varying (50)	address_id smallint	activebool boolean	create_date date	last_update timestamp without time zone	active integer
1	524	1	Jared	Ely	jared.ely@sakilacustomer.org	530	true	2006-02-14	2013-05-26 14:49:45.738	
2	1	1	Mary	Smith	mary.smith@sakilacustomer...	5	true	2006-02-14	2013-05-26 14:49:45.738	
3	2	1	Patricia	Johnson	patricia.johnson@sakilacust...	6	true	2006-02-14	2013-05-26 14:49:45.738	
4	3	1	Linda	Williams	linda.williams@sakilacusto...	7	true	2006-02-14	2013-05-26 14:49:45.738	
5	4	2	Barbara	Jones	barbara.jones@sakilacusto...	8	true	2006-02-14	2013-05-26 14:49:45.738	
6	5	1	Elizabeth	Brown	elizabeth.brown@sakilacust...	9	true	2006-02-14	2013-05-26 14:49:45.738	
7	6	2	Jennifer	Davis	jennifer.davis@sakilacustom...	10	true	2006-02-14	2013-05-26 14:49:45.738	
8	7	1	Maria	Miller	maria.miller@sakilacustome...	11	true	2006-02-14	2013-05-26 14:49:45.738	

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

Query Editor

Query History

1 select*from customer;

2

3 select first_name, last_name, email from customer;

Data Output

Explain

Messages

Notifications

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

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

Query Editor

Query History

1

select DISTINCT rental_rate from film;

Data Output

Explain

Messages

Notifications

rental_rate

numeric (4,2)

1

2.99

2

4.99

3

0.99

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

Query Editor

Query History

1

```
select email from customer WHERE first_name = 'Nancy' AND last_name = 'Thomas';
```

Data Output

Explain

Messages

Notifications

email

character varying (50)

1

nancy.thomas@sakilacusto...

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

- yes

Query Editor Query History

```
1 select phone from address WHERE address = '259 Ipoh Drive';
```

Data Output Explain Messages Notifications

	phone character varying (20)
1	419009857119

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

Query Editor Query History

```
1 select*from customer WHERE store_id = '1' AND address_id > 150
```

Data Output Explain Messages Notifications

	customer_id [PK] integer	store_id smallint	first_name character varying (45)	last_name character varying (45)	email character varying (50)
1	524	1	Jared	Ely	jared.ely@sakilacustomer.
2	148	1	Eleanor	Hunt	eleanor.hunt@sakilacusto
3	149	1	Valerie	Black	valerie.black@sakilacusto
4	152	1	Alicia	Mills	alicia.mills@sakilacustom
5	155	1	Gail	Knight	gail.knight@sakilacustom
6	156	1	Bertha	Ferguson	bertha.ferguson@sakilacu
7	158	1	Veronica	Stone	veronica.stone@sakilacus
8	159	1	Jill	Hawkins	jill.hawkins@sakilacustor
9	161	1	Geraldine	Perkins	geraldine.perkins@sakilac
10	163	1	Cathy	Spencer	cathy.spencer@sakilacust
11	166	1	Lynn	Payne	lynn.payne@sakilacustom
12	168	1	Regina	Berry	regina.berry@sakilacustor
13	170	1	Beatrice	Arnold	beatrice.arnold@sakilacus
14	172	1	Bernice	Willis	bernice.willis@sakilacustc
15	173	1	Audrey	Ray	audrey.ray@sakilacustom

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

Query Editor

Query History

1

select*from payment WHERE amount = '4.99' OR amount = '1.99';

Data Output

Explain

Messages

Notifications

	payment_id [PK] integer	customer_id smallint	staff_id smallint	rental_id integer	amount numeric (5,2)	payment_date timestamp without time zone
1	17504	341	1	1778	1.99	2007-02-16 17:23:14.996577
2	17512	343	2	1547	4.99	2007-02-16 00:10:50.996577
3	17520	344	2	1475	4.99	2007-02-15 19:36:27.996577
4	17523	345	1	1457	4.99	2007-02-15 18:34:15.996577
5	17525	345	2	2766	4.99	2007-02-19 16:13:41.996577
6	17531	347	1	3026	4.99	2007-02-20 10:16:26.996577
7	17549	352	1	1649	4.99	2007-02-16 07:48:59.996577
8	17550	352	1	1678	4.99	2007-02-16 09:36:54.996577
9	17551	352	1	1780	4.99	2007-02-16 17:40:11.996577
10	17552	352	2	3331	4.99	2007-02-21 08:06:19.996577
11	17557	354	1	2275	4.99	2007-02-18 04:59:55.996577
12	17564	356	1	2433	4.99	2007-02-18 16:38:43.996577
13	17566	357	1	1788	1.99	2007-02-16 18:15:44.996577
14	17567	357	2	1971	1.99	2007-02-17 07:52:25.996577
15	17575	359	2	1329	4.99	2007-02-15 09:53:32.996577

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

Query Editor

Query History

1

select * from payment WHERE amount > 5;

Data Output

Explain

Messages

Notifications

	payment_id [PK] integer	customer_id smallint	staff_id smallint	rental_id integer	amount numeric (5,2)	payment_date timestamp without time zone
1	17503	341	2	1520	7.99	2007-02-15 22:25:46.996577
2	17505	341	1	1849	7.99	2007-02-16 22:41:45.996577
3	17507	341	2	3130	7.99	2007-02-20 17:31:48.996577
4	17508	341	1	3382	5.99	2007-02-21 12:33:49.996577
5	17509	342	2	2190	5.99	2007-02-17 23:58:17.996577
6	17510	342	1	2914	5.99	2007-02-20 02:11:44.996577
7	17513	343	1	1564	6.99	2007-02-16 01:15:33.996577
8	17516	343	2	2461	6.99	2007-02-18 18:26:38.996577
9	17517	343	1	2980	8.99	2007-02-20 07:03:29.996577
10	17526	346	1	1994	5.99	2007-02-17 09:35:32.996577
11	17529	347	2	1711	8.99	2007-02-16 12:40:18.996577
12	17532	347	1	3092	8.99	2007-02-20 14:33:08.996577
13	17533	347	1	3326	7.99	2007-02-21 07:33:16.996577