

Last login: Sat Apr 25 19:42:26 on tty000  
Serhiis-MacBook-Pro:~ serhiis\$ psql -U postgres  
Password for user postgres:  
psql: error: could not connect to server: FATAL: password authentication failed for user "postgres"  
Serhiis-MacBook-Pro:~ serhiis\$  
Serhiis-MacBook-Pro:~ serhiis\$ psql -U postgres -p  
psql: option requires an argument -- p  
Try 'psql --help' for more information.  
Serhiis-MacBook-Pro:~ serhiis\$ psql -U postgres  
Password for user postgres:  
psql: error: could not connect to server: FATAL: password authentication failed for user "postgres"  
Serhiis-MacBook-Pro:~ serhiis\$ psql -U postgres  
Password for user postgres:  
psql (12.2)  
Type "help" for help.

```
postgres=#
postgres=#
postgres=# select * from actor;
ERROR: relation "actor" does not exist
LINE 1: select * from actor;
              ^
```

```
postgres=#
postgres=#
postgres=# show databases;
ERROR: unrecognized configuration parameter "databases"
postgres=#
postgres=# show databases();
ERROR: syntax error at or near "("
LINE 1: show databases();
              ^
```

```
postgres=# show database;
ERROR: unrecognized configuration parameter "database"
postgres=#
postgres=#
postgres=# use
postgres=#
postgres=#
postgres=# ;
ERROR: syntax error at or near "use"
LINE 1: use
```

```
postgres=#
postgres=#
postgres=# select * from actor;
ERROR: relation "actor" does not exist
LINE 1: select * from actor;
              ^
```

```
postgres=#
postgres=#
postgres=# \d table_name
Did not find any relation named "table_name".
postgres=# ;
postgres=#
postgres=#
```

```
postgres=# \l
          List of databases
Name | Owner | Encoding | Collate | Ctype | Access privileges
-----+-----+-----+-----+-----+-----
dvdrental | postgres | UTF8 | C | C |
postgres | postgres | UTF8 | C | C |
template0 | postgres | UTF8 | C | C | =c/postgres/postgres +
template1 | postgres | UTF8 | C | C | postgres=CTc/postgres +
(4 rows)
```

```
postgres=# \c dvdrental;
You are now connected to database "dvdrental" as user "postgres".
```

```
dvdrental=#
dvdrental=# \c dvdrental;
You are now connected to database "dvdrental" as user "postgres".
```

```
dvdrental=#
dvdrental=#
dvdrental=# select * from actor;
```

actor_id	first_name	last_name	last_update
1	Penelope	Guiness	2013-05-26 14:47:57.62
2	Nick	Wahlberg	2013-05-26 14:47:57.62
3	Ed	Chase	2013-05-26 14:47:57.62
4	Jennifer	Davis	2013-05-26 14:47:57.62
5	Johnny	Lollobrigida	2013-05-26 14:47:57.62
6	Bette	Nicholson	2013-05-26 14:47:57.62
7	Grace	Mostel	2013-05-26 14:47:57.62
8	Matthew	Johansson	2013-05-26 14:47:57.62
9	Joe	Swank	2013-05-26 14:47:57.62
10	Christian	Gable	2013-05-26 14:47:57.62
11	Zero	Cage	2013-05-26 14:47:57.62
12	Karl	Berry	2013-05-26 14:47:57.62
13	Una	Wood	2013-05-26 14:47:57.62
14	Vivien	Levy	2013-05-26 14:47:57.62
15	Cuba	Olivier	2013-05-26 14:47:57.62
16	Fred	Costner	2013-05-26 14:47:57.62
17	Heleen	Voight	2013-05-26 14:47:57.62
18	Dan	Torn	2013-05-26 14:47:57.62
19	Bob	Fawcett	2013-05-26 14:47:57.62
20	Lucille	Tracy	2013-05-26 14:47:57.62
21	Kirsten	Paltrow	2013-05-26 14:47:57.62

```
dvdrental=#
dvdrental=#
dvdrental=#
dvdrental=# SELECT * FROM customer;
```

customer_id	store_id	first_name	last_name	email	address_id	activebool	create_date	last_update	active
524	1	Jared	Ely	jared.ely@sakilacustomer.org	530	t	2006-02-14	2013-05-26 14:49:45.738	1
1	1	Mary	Smith	mary.smith@sakilacustomer.org	5	t	2006-02-14	2013-05-26 14:49:45.738	1
2	1	Patricia	Johnson	patricia.johnson@sakilacustomer.org	6	t	2006-02-14	2013-05-26 14:49:45.738	1
3	1	Linda	Williams	linda.williams@sakilacustomer.org	7	t	2006-02-14	2013-05-26 14:49:45.738	1
4	2	Barbara	Jones	barbara.jones@sakilacustomer.org	8	t	2006-02-14	2013-05-26 14:49:45.738	1
5	1	Elizabeth	Brown	elizabeth.brown@sakilacustomer.org	9	t	2006-02-14	2013-05-26 14:49:45.738	1
6	2	Jennifer	Davis	jennifer.davis@sakilacustomer.org	10	t	2006-02-14	2013-05-26 14:49:45.738	1
7	1	Maria	Miller	maria.miller@sakilacustomer.org	11	t	2006-02-14	2013-05-26 14:49:45.738	1
8	2	Susan	Wilson	susan.wilson@sakilacustomer.org	12	t	2006-02-14	2013-05-26 14:49:45.738	1
9	2	Margaret	Moore	margaret.moore@sakilacustomer.org	13	t	2006-02-14	2013-05-26 14:49:45.738	1
10	1	Dorothy	Taylor	dorothy.taylor@sakilacustomer.org	14	t	2006-02-14	2013-05-26 14:49:45.738	1
11	2	Lisa	Anderson	lisa.anderson@sakilacustomer.org	15	t	2006-02-14	2013-05-26 14:49:45.738	1
12	1	Nancy	Thomas	nancy.thomas@sakilacustomer.org	16	t	2006-02-14	2013-05-26 14:49:45.738	1
13	2	Karen	Jackson	karen.jackson@sakilacustomer.org	17	t	2006-02-14	2013-05-26 14:49:45.738	1
14	2	Betty	White	betty.white@sakilacustomer.org	18	t	2006-02-14	2013-05-26 14:49:45.738	1
15	1	Heleen	Harris	heleen.harris@sakilacustomer.org	19	t	2006-02-14	2013-05-26 14:49:45.738	1
16	2	Sandra	Martin	sandra.martin@sakilacustomer.org	20	t	2006-02-14	2013-05-26 14:49:45.738	0
17	1	Donna	Thompson	donna.thompson@sakilacustomer.org	21	t	2006-02-14	2013-05-26 14:49:45.738	1
18	2	Carol	Garcia	carol.garcia@sakilacustomer.org	22	t	2006-02-14	2013-05-26 14:49:45.738	1
19	1	Ruth	Martinez	ruth.martinez@sakilacustomer.org	23	t	2006-02-14	2013-05-26 14:49:45.738	1
20	2	Sharon	Robinson	sharon.robinson@sakilacustomer.org	24	t	2006-02-14	2013-05-26 14:49:45.738	1
21	1	Michelle	Clark	michelle.clark@sakilacustomer.org	25	t	2006-02-14	2013-05-26 14:49:45.738	1
22	1	Laura	Rodriguez	laura.rodriguez@sakilacustomer.org	26	t	2006-02-14	2013-05-26 14:49:45.738	1
23	2	Sarah	Lewis	sarah.lewis@sakilacustomer.org	27	t	2006-02-14	2013-05-26 14:49:45.738	1
24	2	Kimberly	Lee	kimberly.lee@sakilacustomer.org	28	t	2006-02-14	2013-05-26 14:49:45.738	1
25	1	Deborah	Walker	deborah.walker@sakilacustomer.org	29	t	2006-02-14	2013-05-26 14:49:45.738	1
26	2	Jessica	Hall	jessica.hall@sakilacustomer.org	30	t	2006-02-14	2013-05-26 14:49:45.738	1
27	2	Shirley	Allen	shirley.allen@sakilacustomer.org	31	t	2006-02-14	2013-05-26 14:49:45.738	1
28	1	Cynthia	Young	cynthia.young@sakilacustomer.org	32	t	2006-02-14	2013-05-26 14:49:45.738	1
29	2	Angela	Hernandez	angela.hernandez@sakilacustomer.org	33	t	2006-02-14	2013-05-26 14:49:45.738	1
30	1	Melissa	King	melissa.king@sakilacustomer.org	34	t	2006-02-14	2013-05-26 14:49:45.738	1
31	2	Brenda	Wright	brenda.wright@sakilacustomer.org	35	t	2006-02-14	2013-05-26 14:49:45.738	1
32	1	Amy	Lopez	amy.lopez@sakilacustomer.org	36	t	2006-02-14	2013-05-26 14:49:45.738	1
33	2	Anna	Hill	anna.hill@sakilacustomer.org	37	t	2006-02-14	2013-05-26 14:49:45.738	1
34	2	Rebecca	Scott	rebecca.scott@sakilacustomer.org	38	t	2006-02-14	2013-05-26 14:49:45.738	1
35	2	Virginia	Green	virginia.green@sakilacustomer.org	39	t	2006-02-14	2013-05-26 14:49:45.738	1
36	2	Kathleen	Adams	kathleen.adams@sakilacustomer.org	40	t	2006-02-14	2013-05-26 14:49:45.738	1
37	1	Pamela	Baker	pamela.baker@sakilacustomer.org	41	t	2006-02-14	2013-05-26 14:49:45.738	1
38	1	Martha	Gonzalez	martha.gonzalez@sakilacustomer.org	42	t	2006-02-14	2013-05-26 14:49:45.738	1
39	1	Debra	Nelson	debra.nelson@sakilacustomer.org	43	t	2006-02-14	2013-05-26 14:49:45.738	1
40	2	Amenda	Carter	amenda.carter@sakilacustomer.org	44	t	2006-02-14	2013-05-26 14:49:45.738	1
41	1	Stephanie	Mitchell	stephanie.mitchell@sakilacustomer.org	45	t	2006-02-14	2013-05-26 14:49:45.738	1
42	2	Carolyn	Perez	carolyn.perez@sakilacustomer.org	46	t	2006-02-14	2013-05-26 14:49:45.738	1
43	2	Christine	Roberts	christine.roberts@sakilacustomer.org	47	t	2006-02-14	2013-05-26 14:49:45.738	1
44	1	Marie	Turner	marie.turner@sakilacustomer.org	48	t	2006-02-14	2013-05-26 14:49:45.738	1
45	1	Janet	Phillips	janet.phillips@sakilacustomer.org	49	t	2006-02-14	2013-05-26 14:49:45.738	1
46	2	Catherine	Campbell	catherine.campbell@sakilacustomer.org	50	t	2006-02-14	2013-05-26 14:49:45.738	1
47	1	Frances	Parker	frances.parker@sakilacustomer.org	51	t	2006-02-14	2013-05-26 14:49:45.738	1
48	1	Ann	Evans	ann.evans@sakilacustomer.org	52	t	2006-02-14	2013-05-26 14:49:45.738	1
49	2	Joyce	Edwards	joyce.edwards@sakilacustomer.org	53	t	2006-02-14	2013-05-26 14:49:45.738	1
50	1	Diane	Collins	diane.collins@sakilacustomer.org	54	t	2006-02-14	2013-05-26 14:49:45.738	1
51	1	Alice	Stewart	alice.stewart@sakilacustomer.org	55	t	2006-02-14	2013-05-26 14:49:45.738	1
52	1	Julie	Sanchez	julie.sanchez@sakilacustomer.org	56	t	2006-02-14	2013-05-26 14:49:45.738	1
53	1	Heather	Morris	heather.morris@sakilacustomer.org	57	t	2006-02-14	2013-05-26 14:49:45.738	1
54	1	Teresa	Rogers	teresa.rogers@sakilacustomer.org	58	t	2006-02-14	2013-05-26 14:49:45.738	1
55	2	Doris	Read	doris.read@sakilacustomer.org	59	t	2006-02-14	2013-05-26 14:49:45.738	1
56	1	Gloria	Cook	gloria.cook@sakilacustomer.org	60	t	2006-02-14	2013-05-26 14:49:45.738	1
57	2	Evelyn	Morgan	evelyn.morgan@sakilacustomer.org	61	t	2006-02-14	2013-05-26 14:49:45.738	1
58	1	Jan	Hell	jean.hell@sakilacustomer.org	62	t	2006-02-14	2013-05-26 14:49:45.738	1
59	1	Cheryl	Murphy	cheryl.murphy@sakilacustomer.org	63	t	2006-02-14	2013-05-26 14:49:45.738	1
60	1	Mildred	Bailey	mildred.bailey@sakilacustomer.org	64	t	2006-02-14	2013-05-26 14:49:45.738	1
61	2	Katherine	Rivera	katherine.rivera@sakilacustomer.org	65	t	2006-02-14	2013-05-26 14:49:45.738	1
62	1	Joan	Cooper	joan.cooper@sakilacustomer.org	66	t	2006-02-14	2013-05-26 14:49:45.738	1
63	1	Ashley	Richardson	ashley.richardson@sakilacustomer.org	67	t	2006-02-14	2013-05-26 14:49:45.738	1
64	2	Judith	Cox	judith.cox@sakilacustomer.org	68	t	2006-02-14	2013-05-26 14:49:45.738	0

```

65 | 2 | Rose | Howard | rose.howard@sakilacustomer.org | 69 | t | 2006-02-14 | 2013-05-26 14:49:45.738 | 1
66 | 2 | Janice | Ward | janice.ward@sakilacustomer.org | 70 | t | 2006-02-14 | 2013-05-26 14:49:45.738 | 1
67 | 1 | Kelly | Torres | kelly.torres@sakilacustomer.org | 71 | t | 2006-02-14 | 2013-05-26 14:49:45.738 | 1
68 | 1 | Nicole | Peterson | nicole.peterson@sakilacustomer.org | 72 | t | 2006-02-14 | 2013-05-26 14:49:45.738 | 1
69 | 2 | Judy | Gray | judy.gray@sakilacustomer.org | 73 | t | 2006-02-14 | 2013-05-26 14:49:45.738 | 1
70 | 2 | Christina | Ramirez | christina.ramirez@sakilacustomer.org | 74 | t | 2006-02-14 | 2013-05-26 14:49:45.738 | 1

dvdrental=#
dvdrental=#
dvdrental=#
dvdrental=# SELECT rating FROM film;
rating
-----
NC-17
R
R
PG-13
PG
G
NC-17
G
PG
PG-13
PG-13
NC-17
G
PG
R
PG
NC-17
NC-17
NC-17
R
PG-13
PG
R
R
G
R
R
G
G
NC-17
PG-13
NC-17
R
NC-17
R
PG-13
PG-13
PG-13
PG
NC-17
G
R
PG
NC-17
PG
G
PG-13
PG-13
G
NC-17
PG-13
R
G
NC-17
G
NC-17
R
G
PG-13
G
R
R
G
NC-17
PG
PG-13
PG
dvdrental=#
dvdrental=#
dvdrental=#
dvdrental=# SELECT DISTINCT(rating) FROM film;
rating
-----
G
PG
PG-13
NC-17
R
(5 rows)

dvdrental=#
dvdrental=#
dvdrental=# SELECT COUNT(*) FROM payment;
count
-----
14596
(1 row)

dvdrental=#
dvdrental=#
dvdrental=# SELECT COUNT(amount) FROM payment;
count
-----
14596
(1 row)

dvdrental=#
dvdrental=#
dvdrental=# SELECT COUNT(DISTINCT(amount)) FROM payment;
count
-----
19
(1 row)

dvdrental=#
dvdrental=# SELECT * FROM customer WHERE first_name = 'Jared';
customer_id | store_id | first_name | last_name | email | address_id | activebool | create_date | last_update | active
-----
(1 row)
524 | 1 | Jared | Ely | jared.ely@sakilacustomer.org | 530 | t | 2006-02-14 | 2013-05-26 14:49:45.738 | 1

dvdrental=#
dvdrental=#
dvdrental=# exit;
Serhiis-MacBook-Pro:~ serhiis$
Serhiis-MacBook-Pro:~ serhiis$
Serhiis-MacBook-Pro:~ serhiis$
Serhiis-MacBook-Pro:~ serhiis$

```