

```
Last login: Thu May  8 08:59:23 on console
mananas@iMac-de-CAS-2 ~ % docker start mysql88
mysql88
mananas@iMac-de-CAS-2 ~ % docker exec -it mysql88 bash
bash-5.1# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.42 MySQL Community Server - GPL
```

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> exit
Bye
bash-5.1# exit
exit
mananas@iMac-de-CAS-2 ~ % docker pull postgres
Using default tag: latest
latest: Pulling from library/postgres
c6e4a275c873: Pull complete
75d6d79beff1: Pull complete
ce67301d48f2: Pull complete
943331d8a9a9: Pull complete
40ebbb80bdea: Pull complete
ae1b7b73582d: Pull complete
228e42efbf6f: Pull complete
72e2820e69ee: Pull complete
240c333310f8: Pull complete
6a23185e6144: Pull complete
e3c27db0d869: Pull complete
9fa1fbf40fc9: Pull complete
a5c345e95de1: Pull complete
bec456065bbd: Pull complete
Digest: sha256:304ab813518754228f9f792f79d6da36359b82d8ecf418096c636725f8c930ad
Status: Downloaded newer image for postgres:latest
docker.io/library/postgres:latest
mananas@iMac-de-CAS-2 ~ % docker run --name postgres -e POSTGRES_PASSWORD=root -p6432:5423 -d postgres
e811557dcf09451c1e69a0760e0bdf8aa6fc2870ae9310187ca465c5b9f0b360
mananas@iMac-de-CAS-2 ~ % docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS
NAMES
f1ffa1577a0f   mysql:8.0     "docker-entrypoint.s..." 3 days ago    Up 25 minutes  33060/tcp, 0.0.0.0:3366->3306/tcp
mysql88
mananas@iMac-de-CAS-2 ~ % docker exec -it postgres bash
Error response from daemon: container e811557dcf09451c1e69a0760e0bdf8aa6fc2870ae9310187ca465c5b9f0b360 is not running
mananas@iMac-de-CAS-2 ~ % docker exec -it postgres bash
Error response from daemon: container e811557dcf09451c1e69a0760e0bdf8aa6fc2870ae9310187ca465c5b9f0b360 is not running
mananas@iMac-de-CAS-2 ~ % docker exec -it postgres bash
Error response from daemon: container e811557dcf09451c1e69a0760e0bdf8aa6fc2870ae9310187ca465c5b9f0b360 is not running
mananas@iMac-de-CAS-2 ~ % docker start postgres
postgres
mananas@iMac-de-CAS-2 ~ % docker run --name postgres -e POSTGRES_PASSWORD=root -p6432:5423 -d postgres
docker: Error response from daemon: Conflict. The container name "/postgres" is already in use by container "e811557dcf09451c1e69a0760e0bdf8aa6fc2870ae9310187ca465c5b9f0b360". You have to remove (or rename) that container to be able to reuse that name.

Run 'docker run --help' for more information
mananas@iMac-de-CAS-2 ~ % docker rm -f postgres
postgres
mananas@iMac-de-CAS-2 ~ % docker run --name postgres -e POSTGRES_PASSWORD=root -p6432:5423 -d postgres
bf7c1463fa87be620e01849c53915524e31bab5ed4b0c6f98719f11017f881c9
mananas@iMac-de-CAS-2 ~ % docker exec -it postgres bash
root@bf7c1463fa87:/# psql -U postgres
psql (17.4 (Debian 17.4-1.pgdg120+2))
Type "help" for help.

postgres=# psql -Upostgres --password
postgres=# \l
```

```
[1]+  Stopped                  psql -U postgres
root@bf7c1463fa87:/# psql -U postgres --password
Password:
psql (17.4 (Debian 17.4-1.pgdg120+2))
Type "help" for help.
```

```
postgres=# \l
postgres=# create database prueba;
CREATE DATABASE
postgres=# \c prueba
Password:
You are now connected to database "prueba" as user "postgres".
prueba=# \l
```

List of databases									
Name	Owner	Encoding	Locale Provider	Collate	Ctype	Locale	ICU Rules	Access privileges	
postgres	postgres	UTF8	libc	en_US.utf8	en_US.utf8				
prueba	postgres	UTF8	libc	en_US.utf8	en_US.utf8				
template0	postgres	UTF8	libc	en_US.utf8	en_US.utf8				=c/postgres
res	+								postgres
=CTc/postgres									
template1	postgres	UTF8	libc	en_US.utf8	en_US.utf8				=c/postgres
res	+								postgres
=CTc/postgres									

(4 rows)

```
prueba=# create database prueba
prueba=# \l
```

List of databases									
Name	Owner	Encoding	Locale Provider	Collate	Ctype	Locale	ICU Rules	Access privileges	
postgres	postgres	UTF8	libc	en_US.utf8	en_US.utf8				
prueba	postgres	UTF8	libc	en_US.utf8	en_US.utf8				
template0	postgres	UTF8	libc	en_US.utf8	en_US.utf8				=c/postgres
res	+								postgres
=CTc/postgres									
template1	postgres	UTF8	libc	en_US.utf8	en_US.utf8				=c/postgres
res	+								postgres
=CTc/postgres									

(4 rows)

```
prueba=# create table 01_tabla
prueba=# \l
```

List of databases									
Name	Owner	Encoding	Locale Provider	Collate	Ctype	Locale	ICU Rules	Access privileges	
postgres	postgres	UTF8	libc	en_US.utf8	en_US.utf8				
prueba	postgres	UTF8	libc	en_US.utf8	en_US.utf8				
template0	postgres	UTF8	libc	en_US.utf8	en_US.utf8				=c/postgres
res	+								postgres
=CTc/postgres									
template1	postgres	UTF8	libc	en_US.utf8	en_US.utf8				=c/postgres
res	+								postgres
=CTc/postgres									

(4 rows)

```
prueba=# \c
Password:
You are now connected to database "prueba" as user "postgres".
prueba=# create table 01_tabla(id_num int not null, descripcion varchar(45) not null, primary key(id_num));
ERROR:  syntax error at or near "create"
LINE 2: create table 01_tabla
                  ^
prueba=# \dt
Did not find any relations.
prueba=# \dt
```

Did not find any relations.
prueba=# create table 01_tabla(id_num int not null, descripcion varchar(45) not null, primary key(id_num));
ERROR: trailing junk after numeric literal at or near "01_tabla"
LINE 1: create table 01_tabla(id_num int not null, descripcion varch...

prueba=# create table tabla01(id_num int not null, descripcion varchar(45) not null, primary key(id_num));
CREATE TABLE
prueba=# \dt
List of relations
Schema | Name | Type | Owner
-----+-----+-----+-----
public | tabla01 | table | postgres
(1 row)

prueba=# \l
List of databases
Name | Owner | Encoding | Locale Provider | Collate | Ctype | Locale | ICU Rules | Access
privileges
-----+-----+-----+-----+-----+-----+-----+-----+-----
postgres | postgres | UTF8 | libc | en_US.utf8 | en_US.utf8 | | |
prueba | postgres | UTF8 | libc | en_US.utf8 | en_US.utf8 | | |
template0 | postgres | UTF8 | libc | en_US.utf8 | en_US.utf8 | | | =c/postg
res +
| | | | | | | | postgres
=CTc/postgres
template1 | postgres | UTF8 | libc | en_US.utf8 | en_US.utf8 | | | =c/postg
res +
| | | | | | | | postgres
=CTc/postgres
(4 rows)

prueba=# \dt
List of relations
Schema | Name | Type | Owner
-----+-----+-----+-----
public | tabla01 | table | postgres
(1 row)

prueba=# insert into tabla01 values(1, 'uno'), (2, 'dos');
prueba'# select * from tabla01;
prueba'# \dt
prueba'#
prueba'#
prueba'#
prueba'#
prueba'# \d
prueba'# \d tabla01
prueba'# \q
Use control-D to quit.
prueba'# insert into tabla01 values(1, 'uno'), (2, 'dos');
prueba'#
\q
root@bf7c1463fa87:/# psql -U postgres --password
Password:
psql (17.4 (Debian 17.4-1.pgdg120+2))
Type "help" for help.

postgres=# insert into tabla01 value(1,'uno'),(2,'dos'),(3,'tres');
ERROR: syntax error at or near "value"
LINE 1: insert into tabla01 value(1,'uno'),(2,'dos'),(3,'tres');
^
postgres=# insert into tabla01 values(1,'uno'),(2,'dos'),(3,'tres');
ERROR: relation "tabla01" does not exist
LINE 1: insert into tabla01 values(1,'uno'),(2,'dos'),(3,'tres');
^

postgres=# \l
List of databases
Name | Owner | Encoding | Locale Provider | Collate | Ctype | Locale | ICU Rules | Access
privileges
-----+-----+-----+-----+-----+-----+-----+-----+-----
postgres | postgres | UTF8 | libc | en_US.utf8 | en_US.utf8 | | |
prueba | postgres | UTF8 | libc | en_US.utf8 | en_US.utf8 | | |
template0 | postgres | UTF8 | libc | en_US.utf8 | en_US.utf8 | | | =c/postg
res +
| | | | | | | | postgres

```
=CTc/postgres
template1 | postgres | UTF8 | libc | en_US.utf8 | en_US.utf8 | | =c/postg
res +
| | | | | | |
=CTc/postgres
(4 rows)
```

```
postgres=# \dt
Did not find any relations.
postgres=# \c prueba
Password:
You are now connected to database "prueba" as user "postgres".
prueba=# insert into tabla01 values(1,'uno'),(2,'dos'),(3,'tres');
INSERT 0 3
prueba=# create database alquiler_coches;
CREATE DATABASE
prueba=# \c alquiler_coches;
Password:
You are now connected to database "alquiler_coches" as user "postgres".
alquiler_coches=# \i
\i: missing required argument
alquiler_coches=# \i /root/alquiler_coches_postgres.sql
CREATE TABLE
CREATE TABLE
CREATE TABLE
CREATE TABLE
CREATE TABLE
CREATE TABLE
CREATE TABLE
CREATE TABLE
alquiler_coches=# dt
alquiler_coches=# \dt
```

List of relations

Schema	Name	Type	Owner
public	avales	table	postgres
public	clientes	table	postgres
public	coches	table	postgres
public	coches_por_reserva	table	postgres
public	marcas	table	postgres
public	modelos	table	postgres
public	plazas_garaje	table	postgres
public	reservas	table	postgres

(8 rows)

```
alquiler_coches=# \i /root/inserts_postgres.sql
BEGIN
LOCK TABLE
INSERT 0 79
COMMIT
BEGIN
LOCK TABLE
INSERT 0 1008
COMMIT
BEGIN
LOCK TABLE
INSERT 0 45
COMMIT
BEGIN
LOCK TABLE
INSERT 0 30
COMMIT
BEGIN
LOCK TABLE
INSERT 0 183
COMMIT
BEGIN
LOCK TABLE
INSERT 0 216
COMMIT
BEGIN
LOCK TABLE
INSERT 0 216
COMMIT
BEGIN
LOCK TABLE
UPDATE 216
COMMIT
```

```

alquiler_coches=# \dt avales;
      List of relations
Schema | Name   | Type  | Owner
-----+-----+-----+-----
public | avales | table | postgres
(1 row)

alquiler_coches=# select * from modelos;
ERROR:  syntax error at or near "dt"
LINE 1: dt
        ^

alquiler_coches=# select * from modelos;
alquiler_coches=#
alquiler_coches=# select * from clientes;
alquiler_coches=# █
mananas@iMac-de-CAS-2 ~ % docker run --name postgres -e POSTGRES_PASSWORD=root -p6432:5432 -d postgres
b570da60ee4c3d144f6193dfed6fa84eab0a108466faaeff118779c33969e70f
mananas@iMac-de-CAS-2 ~ % docker exec -it postgres bash
root@b570da60ee4c:/# psql -U postgres --root
/usr/lib/postgresql/17/bin/psql: unrecognized option '--root'
psql: hint: Try "psql --help" for more information.
root@b570da60ee4c:/# psql -U postgres --password
Password:
psql (17.4 (Debian 17.4-1.pgdg120+2))
Type "help" for help.

postgres=# create database alquiler_coches;
CREATE DATABASE
postgres=# \c alquiler_coches
Password:
You are now connected to database "alquiler_coches" as user "postgres".
alquiler_coches=# \i alquiler_coches_postgres.sql
alquiler_coches_postgres.sql: No such file or directory
alquiler_coches=# \i /root/alquiler_coches_postgres.sql
CREATE TABLE
CREATE TABLE
CREATE TABLE
CREATE TABLE
CREATE TABLE
CREATE TABLE
CREATE TABLE
CREATE TABLE
CREATE TABLE
alquiler_coches=# \i /root/inserts_postgres.sql
BEGIN
LOCK TABLE
INSERT 0 79
COMMIT
BEGIN
LOCK TABLE
INSERT 0 1008
COMMIT
BEGIN
LOCK TABLE
INSERT 0 45
COMMIT
BEGIN
LOCK TABLE
INSERT 0 30
COMMIT
BEGIN
LOCK TABLE
INSERT 0 183
COMMIT
BEGIN
LOCK TABLE
INSERT 0 216
COMMIT
BEGIN
LOCK TABLE
INSERT 0 216
COMMIT
BEGIN
LOCK TABLE
UPDATE 216
COMMIT
alquiler_coches=# select * from clientes;
alquiler_coches=# █
mananas@iMac-de-CAS-2 ~ % docker exec -it postgres bash

```

```
Error response from daemon: container b570da60ee4c3d144f6193dfed6fa84eab0a108466faaeff118779c33969e70f is not running
mananas@iMac-de-CAS-2 ~ % docker start posgres
Error response from daemon: No such container: posgres
Error: failed to start containers: posgres
mananas@iMac-de-CAS-2 ~ % docker start postgres
postgres
mananas@iMac-de-CAS-2 ~ % docker exec -it postgres bash
root@b570da60ee4c:/#
```