

Criando um contêiner mySQL:

```
$ docker run --name mysql-pwd -e MYSQL_ROOT_PASSWORD=senha_789 -p 3306:3306 -d mysql:latest
Unable to find image 'mysql:latest' locally
latest: Pulling from library/mysql
43c486e74c6d: Pull complete
86362e2a75e4: Pull complete
ba155de89fc7: Pull complete
1770ba94c103: Pull complete
d89ba43c350c: Pull complete
55f4efd3f008: Pull complete
e7b97b02f10e: Pull complete
2f44111e3dd4: Pull complete
545a2bff0604: Pull complete
958d7f5cf224: Pull complete
Digest: sha256:072f96c2f1ebb13f712fd88d0ef98f2ef9a52ad4163ae67b550ed6720b6d642e
Status: Downloaded newer image for mysql:latest
50509d1461444d74aa9a0d20b6a96705ed6882892f167434b528f79a1c526c9a
```

Checando se foi criado, listando todos os elementos no ambiente Linux:

```
$ docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
50509d146144	mysql:latest	"docker-entrypoint.s..."	About a minute ago	Up About a minute	0.0.0.0:3306->3306/tcp, 33060/tcp

```
mysql-pwd
```

Iniciando ambiente mySQL:

```
$ docker exec -it mysql-pwd mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 9.3.0 MySQL Community Server - GPL

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owners.

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

mysql>
```

Criando Banco de Dados meuBD e tabela usuarios, inserindo valores a tabela usuarios:

```
mysql> CREATE DATABASE meuBD;
Query OK, 1 row affected (0.004 sec)

mysql> USE meuBD;
Database changed

mysql> CREATE TABLE usuarios(id INT AUTO_INCREMENT PRIMARY KEY, nome VARCHAR(50));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 1

mysql> CREATE TABLE usuarios(id INT AUTO_INCREMENT PRIMARY KEY, nome VARCHAR(50));
Query OK, 0 rows affected (0.010 sec)

mysql> INSERT INTO meuBD(nome) VALUES('Gustavo','Pablo');
ERROR 1146 (42S02): Table 'meuBD.meuBD' doesn't exist

mysql> INSERT INTO usuarios(nome) VALUES('Gustavo','Pablo');
ERROR 1136 (21S01): Column count doesn't match value count at row 1

mysql> INSERT INTO usuarios(nome) VALUES('Gustavo'),('Pablo');
Query OK, 2 rows affected (0.002 sec)
Records: 2  Duplicates: 0  Warnings: 0
```

EXTRA:

Mostrando os valores guardados na tabela:

```
mysql> SELECT * FROM usuarios;
+----+-----+
| id | nome   |
+----+-----+
|  1 | Gustavo |
|  2 | Pablo   |
+----+-----+
2 rows in set (0.001 sec)
```

saindo do mySQL:

```
mysql> exit;
Bye
```