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ashtray09@ashtray09:~$ sudo -i
[sudo] password for ashtray09:
root@ashtray09:~# docker images
REPOSITORY          TAG         IMAGE ID      CREATED       SIZE
hello-world         latest      9c7a54a9a43c  7 months ago 13.3kB
mysql/mysql-server  latest     1d9c2219ff69  10 months ago 496MB
root@ashtray09:~# docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED       STATUS
fc80579b66e2   mysql/mysql-server:latest "/entrypoint.sh mysql..." 31 minutes ago Exited (255) 4
minutes ago   kudashev
f32ce319037f   mysql/mysql-server:latest "/entrypoint.sh mysql..." 33 minutes ago Created
fbae8952e78c   mysql/mysql-server:latest "/entrypoint.sh mysql..." 34 minutes ago Created
aac179eb8ef0   hello-world    "/hello"                 44 minutes ago Exited (0) 44 m
inutes ago   naughty_sammet
root@ashtray09:~# docker ps
CONTAINER ID   IMAGE          COMMAND                  STATUS    PORTS    NAMES
root@ashtray09:~# docker rm kudashev max ashtray naughty_sammet
kudashev
max
ashtray
naughty_sammet
root@ashtray09:~# docker run -d --ashtray mysql -e MYSQL_ROOT_PASSWORD=1488 mysql/mysql-server:latest
unknown flag: --ashtray
See 'docker run --help'.
root@ashtray09:~# docker run -d --name ashtray -e MYSQL_ROOT_PASSWORD=1488 mysql/mysql-server:latest
Unable to find image 'mysql/mysql-server:latest' locally
docker: Error response from daemon: manifest for mysql/mysql-server:latest not found: manifest unknown: manifest unknown.
See 'docker run --help'.
root@ashtray09:~# docker run -d --name ashtray -e MYSQL_ROOT_PASSWORD=1488 mysql/mysql-server:latest
f5e14da7ddb2b9a0b958da893c60a544137c3e21aff7c869f1024c12c4cc0ac
root@ashtray09:~#

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root@ashtray09:~# docker exec -it ashtray bash
bash-4.4# mysql -uroot -p
Enter password:
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)
bash-4.4# mysql -uroot -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 11
Server version: 8.0.32 MySQL Community Server - GPL

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owners.

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

mysql> CREAT DATABASE database1
-> ;
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 'CREAT DATABASE database1' at line 1
mysql> CREATE DATABASE database1;
Query OK, 1 row affected (0.02 sec)

mysql> USE database1;
Database changed
mysql> _

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mysql> CREATE USER 'user1'@'localhost' IDENTIFIED BY 'password1';
Query OK, 0 rows affected (0.04 sec)

mysql> GRANT ON ALL PRIVILEGES ON *.* TO 'user1'@'localhost';
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 'ON ALL PRIVILEGES ON *.* TO 'user1'@'localhos
t'' at line 1
mysql> GRANT ALL PRIVILEGES ON *.* TO 'user1'@'localhost';
Query OK, 0 rows affected, 1 warning (0.01 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.05 sec)

mysql> SHOW DATABASE;
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 'DATABASE' at line 1
mysql> SHOW DATABASES;
+-----+
| Database |
+-----+
| database1 |
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.00 sec)

mysql>
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mysql> CREATE TABLE films(
    -> title CHAR(100) NOT NULL,
    -> director CHAR(50) NOT NULL
    -> );
Query OK, 0 rows affected (0.04 sec)

mysql> _
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mysql> INSERT INTO films (title,director) VALUES("The Hateful Eight","Quentin Tarantino");
Query OK, 1 row affected (0.04 sec)

mysql> INSERT INTO films (title,director) VALUES("Inglourious Bastereds","Quentin Tarantino");
Query OK, 1 row affected (0.05 sec)

mysql> SHOW TABLES;
+-----+
| Tables_in_database1 |
+-----+
| films |
+-----+
1 row in set (0.01 sec)

mysql> SELECT * FROM films;
+-----+-----+
| title | director |
+-----+-----+
| The Hateful Eight | Quentin Tarantino |
| Inglourious Bastereds | Quentin Tarantino |
+-----+-----+
2 rows in set (0.00 sec)

mysql> _
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```
mysql>
[1]+ Stopped mysql -uroot -p
bash-4.4# mysqldump -u 1488 -p database1 > backup.sql
Enter password:
mysqldump: Got error: 1045: Access denied for user '1488'@'localhost' (using password: YES) when try
ing to connect
bash-4.4# mysqldump -u root -p database1 > backup.sql
Enter password:
bash-4.4# mysql -uroot -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 55
Server version: 8.0.32 MySQL Community Server - GPL

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

mysql> CREATE DATABASE database2;
Query OK, 1 row affected (0.05 sec)

mysql>
[2]+ Stopped mysql -uroot -p
bash-4.4# _
```

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bash-4.4# mysqldump -u root -p database2 > backup.sql
Enter password:
bash-4.4# mysql -uroot -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 60
Server version: 8.0.32 MySQL Community Server - GPL

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

mysql> SHOW DATABASES;
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 'DATABASES' at line 1
mysql> SHOW DATABASES;
+-----+
| Database |
+-----+
| database1 |
| database2 |
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
6 rows in set (0.00 sec)

mysql> _

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Database changed
mysql> SHOW TABLES;
+-----+
| Tables_in_database1 |
+-----+
| films |
+-----+
1 row in set (0.01 sec)

mysql> SELECT * FROM films;
+-----+-----+
| title | director |
+-----+-----+
| The Hateful Eight | Quentin Tarantino |
| Inglourious Bastereds | Quentin Tarantino |
+-----+-----+
2 rows in set (0.00 sec)

mysql>
[3]+  Stopped                  mysql -uroot -p
bash-4.4# mysqladmin -u root -p status
Enter password:
Uptime: 1631  Threads: 5  Questions: 191  Slow queries: 0  Opens: 211  Flush tables: 3  Open tables:
130  Queries per second avg: 0.117
bash-4.4#

```