

```
D:\hello-docker>docker volume create mysql_data
mysql_data
```

```
D:\hello-docker>docker run -d --name mysql-container -e MYSQL_ROOT_PASSWORD=rootpassword -v mysql_data:/var/lib/mysql mysql:latest
f3be1af5d6f40c9d9b2c46bb032f5f2cf59ce662a5da5f476203b8c59f371dd9
```

```
D:\hello-docker>docker exec -it mysql-container mysql -uroot -prootpassword
mysql: [Warning] Using a password on the command line interface can be insecure.
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 9.1.0 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 testdb;
Query OK, 1 row affected (0.00 sec)
```

```
mysql> USE testdb;
Database changed
```

```
mysql> CREATE TABLE users (
  ->     id INT AUTO_INCREMENT PRIMARY KEY,
  ->     name VARCHAR(100),
  ->     email VARCHAR(100)
  -> );
```

```
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> INSERT INTO users (name, email) VALUES
  -> ('Alice', 'alice@example.com'),
  -> ('Bob', 'bob@example.com');
```

```
Query OK, 2 rows affected (0.01 sec)
Records: 2  Duplicates: 0  Warnings: 0
```

```
mysql> SELECT * FROM users;
```

```
+-----+-----+-----+
| id | name | email |
+-----+-----+-----+
| 1 | Alice | alice@example.com |
| 2 | Bob   | bob@example.com   |
+-----+-----+-----+
```

```
2 rows in set (0.00 sec)
```

```
D:\hello-docker>docker rm mysql-container
mysql-container

D:\hello-docker>docker run -d --name mysql-container -e MYSQL_ROOT_PASSWORD=rootpassword -v mysql_data:/var/lib/mysql mysql:latest
efe678988415c374d73ccaf270c9d8509f4ffbe15b3bc175e4ca92cbfadbbf25

D:\hello-docker>docker exec -it mysql-container mysql -uroot -prootpassword
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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> docker exec -it mysql-container mysql -uroot -prootpassword
-> ^C
mysql> USE testdb;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> SELECT * FROM users;
+-----+
| id | name | email |
+-----+
| 1 | Alice | alice@example.com |
| 2 | Bob | bob@example.com |
+-----+
2 rows in set (0.00 sec)
```

```
D:\hello-docker>docker stop mysql-container
mysql-container
```