

```
mysql> create database myBlog;  
Query OK, 1 row affected (0.01 sec)
```

```
mysql> show databases
```

```
-> ;  
+-----+  
| Database |  
+-----+  
| blogdb   |  
| information_schema |  
| myblog   |  
| myfirstdatabase |  
| mysql    |  
| new      |  
| performance_schema |  
| sakila   |  
| sys      |  
| world    |  
+-----+  
10 rows in set (0.00 sec)
```

```
mysql> use myBlog;
```

```
Database changed
```

```
mysql> CREATE TABLE users (id INT NOT NULL AUTO_INCREMENT, emailId VARCHAR(100), password VARCHAR(50), firstName VARCHAR(50), lastName VARCHAR(50), profilePicture VARCHAR(50),  
, createdAt DATETIME, updatedAt DATETIME, PRIMARY KEY (id));  
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> CREATE TABLE posts (id INT NOT NULL AUTO_INCREMENT, title VARCHAR(50), description VARCHAR(50), image VARCHAR(100), userId INT NOT NULL, likes INT NOT NULL, createdAt  
DATETIME, updatedAt DATETIME, PRIMARY KEY (id), FOREIGN KEY (userId) REFERENCES users (id));  
Query OK, 0 rows affected (0.05 sec)
```

```
mysql> CREATE TABLE comments (id INT NOT NULL AUTO_INCREMENT, userId INT NOT NULL, postId INT NOT NULL, comment VARCHAR(250) NOT NULL, createdAt DATETIME, updatedAt DATETIME,  
PRIMARY KEY (id), FOREIGN KEY (userId) REFERENCES users (id), FOREIGN KEY (postId) REFERENCES posts (id));  
Query OK, 0 rows affected (0.05 sec)
```

```
mysql> show tables
```

```
-> ;  
+-----+  
| Tables_in_myblog |  
+-----+  
| comments          |  
| posts             |  
| users             |  
+-----+  
3 rows in set (0.01 sec)
```

```
mysql>
```

```
mysql> INSERT INTO users VALUES (1, "richard@me.com", "123456", "Richard", "Brazao", "https://robohash.org/post1", NOW(), NOW());
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO users VALUES (2, "jenny@me.com", "123456", "Jenny", "Brazao", "https://robohash.org/post2", NOW(), NOW());
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO users VALUES (3, "alex@me.com", "123456", "Alex", "Brazao", "https://robohash.org/post3", NOW(), NOW());
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO users VALUES (4, "michaela@me.com", "123456", "Michaela", "Brazao", "https://robohash.org/post4", NOW(), NOW());
Query OK, 1 row affected (0.01 sec)
```

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

id	emailId	password	firstName	lastName	profilePicture	createdAt	updatedAt
1	richard@me.com	123456	Richard	Brazao	https://robohash.org/post1	2024-01-02 17:38:22	2024-01-02 17:38:22
2	jenny@me.com	123456	Jenny	Brazao	https://robohash.org/post2	2024-01-02 17:39:06	2024-01-02 17:39:06
3	alex@me.com	123456	Alex	Brazao	https://robohash.org/post3	2024-01-02 17:39:28	2024-01-02 17:39:28
4	michaela@me.com	123456	Michaela	Brazao	https://robohash.org/post4	2024-01-02 17:39:51	2024-01-02 17:39:51

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

```
mysql>
```



```
mysql> UPDATE posts SET likes = 3 WHERE id = 1;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> UPDATE posts SET likes = 2 WHERE id = 2;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> UPDATE posts SET likes = 1 WHERE id = 3;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> UPDATE posts SET likes = 5 WHERE id = 4;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> SELECT * FROM posts;
```

id	title	description	image	userId	likes	createdAt	updatedAt
1	Arsenal 2023/24	Blog post on Arsenal FC's title chances	https://robohash.org/post1	1	3	2024-01-02 18:02:46	2024-01-02 18:02:46
2	Manchester United 2023/24	Blog post on Manchester United FC's title chances	https://robohash.org/post2	2	2	2024-01-02 18:03:09	2024-01-02 18:03:09
3	Manchester United 2023/24	Blog post on Manchester United FC's title fears	https://robohash.org/post3	3	1	2024-01-02 18:03:30	2024-01-02 18:03:30
4	Manchester United 2023/24	Blog post on Manchester United FC's title failure	https://robohash.org/post4	4	5	2024-01-02 18:03:47	2024-01-02 18:03:47

4 rows in set (0.00 sec)

```
mysql> INSERT INTO comments VALUES (1, 1, 1, "Arsenal will be 2023/24 champions", NOW(), NOW());
```

```
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO comments VALUES (2, 2, 2, "Man Utd. will be 2023/24 champions", NOW(), NOW());
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> INSERT INTO comments VALUES (3, 3, 3, "Man Utd. might be 2023/24 champions", NOW(), NOW());
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> INSERT INTO comments VALUES (4, 4, 4, "Man Utd. will not be 2023/24 champions", NOW(), NOW());
```

```
Query OK, 1 row affected (0.01 sec)
```

```
mysql> SELECT * FROM comments;
```

id	userId	postId	comment	createdAt	updatedAt
1	1	1	Arsenal will be 2023/24 champions	2024-01-02 18:11:14	2024-01-02 18:11:14
2	2	2	Man Utd. will be 2023/24 champions	2024-01-02 18:12:49	2024-01-02 18:12:49
3	3	3	Man Utd. might be 2023/24 champions	2024-01-02 18:13:11	2024-01-02 18:13:11
4	4	4	Man Utd. will not be 2023/24 champions	2024-01-02 18:17:21	2024-01-02 18:17:21

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

```
mysql> SELECT * FROM comments WHERE postId = 2;
```

id	userId	postId	comment	createdAt	updatedAt
2	2	2	Man Utd. will be 2023/24 champions	2024-01-02 18:12:49	2024-01-02 18:12:49

```
1 row in set (0.00 sec)
```

```
mysql>
```