```
mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| 4bsccm_2340146     |
| 4bsccm_2340177     |
| food               |
| foodmng            |
| information_schema |
| mysql              |
| performance_schema |
| raghini            |
| sys                |
| world              |
+--------------------+
10 rows in set (0.02 sec)

mysql> use 4bsccm_2340146;
Database changed
mysql> show tables;
+--------------------------+
| Tables_in_4bsccm_2340146 |
+--------------------------+
| likes                    |
| posts                    |
| users                    |
+--------------------------+
3 rows in set (0.02 sec)

mysql> drop table likes;
Query OK, 0 rows affected (0.05 sec)

mysql> drop posts;
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 'posts' at line 1
mysql> drop table posts;
Query OK, 0 rows affected (0.02 sec)

mysql> drop table users;
Query OK, 0 rows affected (0.02 sec)

mysql> CREATE TABLE Users (
    ->     user_id INT AUTO_INCREMENT PRIMARY KEY,
    ->     username VARCHAR(50) NOT NULL UNIQUE,
    ->     email VARCHAR(100) UNIQUE,
    ->     password VARCHAR(255) NOT NULL,
    ->     created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
    -> );
Query OK, 0 rows affected (0.05 sec)

mysql> CREATE TABLE Posts (
    ->     post_id INT AUTO_INCREMENT PRIMARY KEY,
    ->     user_id INT NOT NULL,
```

```
    ->      content TEXT NOT NULL,
    ->      post_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    ->      likes INT DEFAULT 0,
    ->      FOREIGN KEY (user_id) REFERENCES Users(user_id) ON DELETE
CASCADE
    -> );
Query OK, 0 rows affected (0.04 sec)

mysql> CREATE TABLE Comments (
    ->      comment_id INT AUTO_INCREMENT PRIMARY KEY,
    ->      post_id INT NOT NULL,
    ->      user_id INT NOT NULL,
    ->      comment_text TEXT NOT NULL,
    ->      comment_date TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    ->      FOREIGN KEY (post_id) REFERENCES Posts(post_id) ON DELETE
CASCADE,
    ->      FOREIGN KEY (user_id) REFERENCES Users(user_id) ON DELETE
CASCADE
    -> );
Query OK, 0 rows affected (0.05 sec)

mysql> ALTER TABLE Users ADD COLUMN bio TEXT;
Query OK, 0 rows affected (0.03 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> ALTER TABLE Posts RENAME TO UserPosts;
Query OK, 0 rows affected (0.03 sec)

mysql> INSERT INTO Users (username, email, password) VALUES ('so',
'so@example.com', 's');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Users (username, email, password, bio) VALUES ('bb',
'bb@example.com', 'password', 'Creator');
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO UserPosts (user_id, content, likes) VALUES (1, 'Hello
World!', 10);
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO UserPosts (user_id, content) VALUES (2, 'My first
post!');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Comments (post_id, user_id, comment_text) VALUES (1,
2, 'Great post!');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Comments (post_id, user_id, comment_text) VALUES (2,
1, 'Thanks!');
Query OK, 1 row affected (0.01 sec)

mysql> SELECT
    ->      UserPosts.post_id,
```

```
    ->     Users.username AS author,
    ->     UserPosts.content,
    ->     UserPosts.likes
    -> FROM
    ->     UserPosts
    -> JOIN
    ->     Users
    -> ON
    ->     UserPosts.user_id = Users.user_id;
+---------+--------+---------------+-------+
| post_id | author | content       | likes |
+---------+--------+---------------+-------+
|       1 | so     | Hello World!  |    10 |
|       2 | bb     | My first post! |    0 |
+---------+--------+---------------+-------+
2 rows in set (0.00 sec)

mysql> SELECT
    ->     Users.username,
    ->     COUNT(UserPosts.post_id) AS post_count
    -> FROM
    ->     Users
    -> LEFT JOIN
    ->     UserPosts
    -> ON
    ->     Users.user_id = UserPosts.user_id
    -> GROUP BY
    ->     Users.username;
+----------+------------+
| username | post_count |
+----------+------------+
| bb       |          1 |
| so       |          1 |
+----------+------------+
2 rows in set (0.00 sec)

mysql>
mysql> notee;
```