

```
CREATE USER 'new_user'@'localhost' IDENTIFIED BY 'password';
CREATE DATABASE new_database;
GRANT ALL PRIVILEGES ON new_database.* TO 'new_user'@'localhost';
FLUSH PRIVILEGES;
```

```
USE new_database;
```

```
CREATE TABLE user (
  id INT PRIMARY KEY,
  name VARCHAR(255),
  sex VARCHAR(10),
  age INT,
  phone VARCHAR(20)
);
```

```
INSERT INTO user (id, name, sex, age, phone)
VALUES (1, '张美比', 'Female', 25, '123-456-7890'),
      (2, '苏帅比', 'Male', 30, '987-654-3210'),
      (3, '李帅比', 'Male', 22, '555-123-4567');
```

```
SELECT * FROM user WHERE age BETWEEN 20 AND 30;
```

```
DELETE FROM user WHERE name LIKE '%张%';
```

```
SELECT AVG(age) FROM user;
```

```
SELECT * FROM user WHERE age BETWEEN 20 AND 30 AND name LIKE '%张%' ORDER BY age
DESC;
```

```
CREATE TABLE team (
  id INT PRIMARY KEY,
  teamName VARCHAR(255)
);
```

```
CREATE TABLE score (
  id INT PRIMARY KEY,
  teamid INT,
  userid INT,
```

```
score INT,  
FOREIGN KEY (teamid) REFERENCES team(id),  
FOREIGN KEY (userid) REFERENCES user(id)  
);
```

```
SELECT u.* FROM user u  
JOIN score s ON u.id = s.userid  
JOIN team t ON s.teamid = t.id  
WHERE t.teamName = 'ECNU' AND u.age < 20;
```

```
SELECT t.teamName, COALESCE(SUM(s.score), 0) AS total_score  
FROM team t  
LEFT JOIN score s ON t.id = s.teamid  
WHERE t.teamName = 'ECNU'  
GROUP BY t.teamName;
```