```
mysql> SELECT * FROM user;
+------+--------------+--------+------+----------------+
| id   | name         | sex    | age  | phone          |
+------+--------------+--------+------+----------------+
|    1 | John Doe     | Male   |   25 | 123-456-7890   |
|    2 | Jane Smith   | Female |   31 | 987-654-3210   |
|    3 | Bob Johnson  | Male   |   22 | 555-123-4567   |
+------+--------------+--------+------+----------------+
```

```
mysql> SELECT * FROM user
    -> WHERE age BETWEEN 20 AND 30;
+------+--------------+--------+------+----------------+
| id   | name         | sex    | age  | phone          |
+------+--------------+--------+------+----------------+
|    1 | John Doe     | Male   |   25 | 123-456-7890   |
|    3 | Bob Johnson  | Male   |   22 | 555-123-4567   |
+------+--------------+--------+------+----------------+
```

```
mysql> SELECT * FROM user
    -> WHERE age BETWEEN 20 AND 30
    ->   AND name LIKE 'pan%'
    -> ORDER BY age DESC;
+------+--------------+--------+------+----------------+
| id   | name         | sex    | age  | phone          |
+------+--------------+--------+------+----------------+
|    7 | pan achong   | Female |   30 | 7778889999     |
|    5 | pan ruanfeng | Female |   28 | 1112223333     |
|    6 | pan haiyang  | Female |   22 | 4445556666     |
+------+--------------+--------+------+----------------+
```

```
mysql> SELECT AVG(age) AS average_age FROM user;
+-------------+
| average_age |
+-------------+
|     25.2857 |
+-------------+
```

```
mysql> 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;
Empty set (0.00 sec)

mysql> 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;
Empty set (0.00 sec)

mysql> SELECT COALESCE(SUM(s.score), 0) AS total_score
    -> FROM score s
    -> JOIN team t ON s.teamid = t.id
    -> WHERE t.teamName = 'ECNU';
+-------------+
| total_score |
+-------------+
|         170 |
+-------------+
1 row in set (0.00 sec)
```