以下截图为按顺序的 homework5 的作业截图。

```
mysql> INSERT INTO user(name,sex,age,phone) VALUES
    -> ('John Doe', 'Male', 25, '123-456-7890'),
    -> ('Jane Smith', 'Female', 31, '987-654-3210'),
    -> ('Bob Johnson', 'Male', 22, '555-123-4567');
Query OK, 3 rows affected (0.01 sec)
Records: 3  Duplicates: 0  Warnings: 0

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 |
+----+-------------+--------+-----+--------------+
3 rows in set (0.00 sec)
```

```
mysql> USE dase_homework5
Database changed
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 |
+----+-------------+------+-----+--------------+
2 rows in set (0.01 sec)
```

```
mysql> INSERT INTO user (name,sex,age,phone) VALUES
    -> ('Owen Zhang','Male',19,'19921346345'),
    -> ('Jimmy Zhang','Male',25,'12345678'),
    -> ('Lious Zhang','Female','20','2957-307-229');
Query OK, 3 rows affected (0.01 sec)
Records: 3  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM user
    -> SELECT * FROM user;
ERROR 1064 (42000): You have an error in your SQL synta
 for the right syntax to use near 'SELECT * FROM user'
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  |
|  4 | Owen Zhang  | Male   |  19 | 19921346345   |
|  5 | Jimmy Zhang | Male   |  25 | 12345678      |
|  6 | Lious Zhang | Female |  20 | 2957-307-229  |
+----+-------------+--------+-----+---------------+
6 rows in set (0.00 sec)
```

```
mysql> SELECT * FROM user
    -> WHERE age BETWEEN 20 AND 30 AND name LIKE '%Zhang
    -> ORDER BY age DESC;
+----+-------------+--------+-----+---------------+
| id | name        | sex    | age | phone         |
+----+-------------+--------+-----+---------------+
|  5 | Jimmy Zhang | Male   |  25 | 12345678      |
|  6 | Lious Zhang | Female |  20 | 2957-307-229  |
+----+-------------+--------+-----+---------------+
2 rows in set (0.00 sec)

mysql>
```

```
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  |
|  4 | Owen Zhang   | Male   |   19 | 19921346345   |
|  5 | Jimmy Zhang  | Male   |   25 | 12345678      |
|  6 | Lious Zhang  | Female |   20 | 2957-307-229  |
+----+--------------+--------+------+---------------+
6 rows in set (0.00 sec)

mysql> SELECT AVG(age) AS average_age FROM user;
+-------------+
| average_age |
+-------------+
|     23.6667 |
+-------------+
1 row in set (0.00 sec)
```

```
mysql> CREATE TABLE team (
    -> id INT AUTO_INCREMENT PRIMARY KEY,
    -> teamName VARCHAR(100) NOT NULL
    -> );
Query OK, 0 rows affected (0.02 sec)

mysql> CREATE TABLE score (
    -> id INT AUTO_INCREMENT PRIMARY KEY,
    -> teamid INT,
    -> userid INT,
    -> score INT DEFAULT 0,
    -> FOREIGN KEY (teamid) REFERENCES team(id),
    -> FOREIGN KEY (userid) REFERENCES user(id)
    -> );
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> INSERT INTO team(teamName) VALUES
    -> ('ECNU'),
    -> ('SJU'),
    -> ('FDU');
Query OK, 3 rows affected (0.01 sec)
Records: 3  Duplicates: 0  Warnings: 0

mysql> INSERT INTO score(teamid,userid,score) VALUES
    -> (1,1,85),
    -> (1,2,90),
    -> (1,3,95),
    -> (2,4,77),
    -> (3,5,94),
    -> (3,6,79);
Query OK, 6 rows affected (0.01 sec)
Records: 6  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM team;
+----+----------+
| id | teamName |
+----+----------+
|  1 | ECNU     |
|  2 | SJU      |
|  3 | FDU      |
+----+----------+
3 rows in set (0.00 sec)

mysql> SELECT * FROM score;
+----+--------+--------+-------+
| id | teamid | userid | score |
+----+--------+--------+-------+
|  1 |      1 |      1 |    85 |
|  2 |      1 |      2 |    90 |
|  3 |      1 |      3 |    95 |
|  4 |      2 |      4 |    77 |
|  5 |      3 |      5 |    94 |
|  6 |      3 |      6 |    79 |
+----+--------+--------+-------+
6 rows in 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;
+----+-------------+-------+------+-------------+
| id | name        | sex   | age  | phone       |
+----+-------------+-------+------+-------------+
|  4 | Owen Zhang  | Male  |   19 | 19921346345 |
+----+-------------+-------+------+-------------+
1 row in set (0.00 sec)
```

```
mysql> SELECT SUM(COALESCE(s.score, 0)) AS total_score F
    -> JOIN team t ON s.teamid = t.id
    -> WHERE t.teamName = 'ECNU';
+-------------+
| total_score |
+-------------+
|         520 |
+-------------+
1 row in set (0.00 sec)
```

```
mysql> DELETE FROM user;
```