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第一问：

```
mysql> CREATE TABLE user (
    ->     id INT PRIMARY KEY,
    ->     name VARCHAR(50),
    ->     sex VARCHAR(10),
    ->     age INT,
    ->     phone VARCHAR(15)
    -> );
Query OK, 0 rows affected (0.04 sec)

mysql>
mysql> INSERT INTO user (id, name, sex, age, phone) VALUES
    ->     (1, 'John Doe', 'Male', 25, '123-456-7890'),
    ->     (2, 'Jane Smith', 'Female', 31, '987-654-3210'),
    ->     (3, 'Bob Johnson', 'Male', 22, '555-123-4567');
Query OK, 3 rows affected (0.00 sec)
Records: 3  Duplicates: 0  Warnings: 0
```

第二问：

```
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 (0.00 sec)
```

第三问：

```
mysql> INSERT INTO user (id, name, sex, age, phone) VALUES
    ->     (4, '刘玥萌', 'Female', 20, '157-265-4920'),
    ->     (5, '刘小玥', 'Male', 41, '172-8372-2985'),
    ->     (6, '刘小萌', 'Female', 37, '187-3738-5789');
Query OK, 3 rows affected (0.03 sec)
Records: 3  Duplicates: 0  Warnings: 0
```

第四问：

```
mysql>  SELECT * FROM user
    ->  WHERE age BETWEEN 20 AND 30 AND name LIKE '刘%'
    ->  ORDER BY age DESC;
+----+-----------+--------+------+--------------+
| id | name      | sex    | age  | phone        |
+----+-----------+--------+------+--------------+
|  4 | 刘玥萌    | Female |   20 | 157-265-4920 |
+----+-----------+--------+------+--------------+
1 row in set (0.00 sec)
```

第五问：

```
mysql> SELECT AVG(age) AS average_age FROM user;
+-------------+
| average_age |
+-------------+
|     29.3333 |
+-------------+
1 row in set (0.00 sec)
```

第六问：

```
mysql> CREATE TABLE team (
    ->     id INT PRIMARY KEY,
    ->     teamName VARCHAR(50)
    -> );
Query OK, 0 rows affected (0.05 sec)

mysql>
mysql> 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)
    -> );
Query OK, 0 rows affected (0.03 sec)
```

第七问：

```
mysql> INSERT INTO team (id, teamName) VALUES
    ->     (1, 'ECNU'),
    ->     (2, 'THU');
Query OK, 2 rows affected (0.03 sec)
Records: 2  Duplicates: 0  Warnings: 0

mysql>
mysql> INSERT INTO score (id, teamid, userid, score) VALUES
    ->     (1, 1, 4, 99),
    ->     (2, 1, 5, 86),
    ->     (3, 2, 6, 70);
Query OK, 3 rows affected (0.00 sec)
Records: 3  Duplicates: 0  Warnings: 0

mysql>
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)
```

第八问：

```
mysql> SELECT SUM(IFNULL(s.score, 0)) AS total_score
    -> FROM score s
    -> JOIN team t ON s.teamid = t.id
    -> WHERE t.teamName = 'ECNU';
+-------------+
| total_score |
+-------------+
|         185 |
+-------------+
1 row in set (0.00 sec)
```

第九问：

```
mysql> DELETE FROM score WHERE userid = 4;
Query OK, 1 row affected (0.03 sec)

mysql> DELETE FROM user WHERE name = '刘玥萌';
Query OK, 1 row affected (0.03 sec)
```