

导论作业 5

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1. 在新数据库中新建一张 `user` 表, 插入几条数据, 属性包含: 唯一标识(id), 姓名(name) 性别(sex). 年龄(age). 联系方式(phone), 数据如下: ('John Doe', 'Male', 25, '123-456-7890'), ('Jane Smith', 'Female', 31, '987-654-3210'), ('Bob Johnson', 'Male', 22, '555-123-4567')

```
mysql> use hw_5;
Database changed
mysql> CREATE TABLE user (
  ->   id INT AUTO_INCREMENT PRIMARY KEY,
  ->   name VARCHAR(100),
  ->   sex ENUM('Male', 'Female'),
  ->   age INT,
  ->   phone VARCHAR(15)
  -> );
Query OK, 0 rows affected (0.03 sec)

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)
```

2. 写出 SQL 语句, 查询 `user` 表中所有年龄在 20-30 范围内的用户

```
postgres=# 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 行记录)
```