

创建数据库

#

```
CREATE DATABASE <数据库名称>;
```

使用数据库

#

```
USE <数据库名称>;
```

删除数据库

#

```
DROP DATABASE <数据库名称>;
```

创建数据表

#

```
CREATE TABLE <表名> (  
    <列名> <数据类型> [<列级完整性约束条件>]  
    [, <列名> <数据类型> [<列级完整性约束条件>]]  
    ...  
    [, <表级完整性约束条件>]  
);
```

```
CREATE TABLE users (  
    id INT NOT NULL,  
    username VARCHAR (50),  
    password VARCHAR (50) DEFAULT '12345',  
    age int DEFAULT 18,  
    PRIMARY KEY (id)  
);
```

删除数据表

#

```
DROP TABLE <表名>;
```

```
DROP TABLE users;
```

插入数据

#

```
INSERT INTO <表名> [ (<列名1> [, <列名2>] ...)]  
VALUES (<值1> [, <值2>]...);
```

```

INSERT INTO users (id, username, password, age)
VALUES (1, 'zhangsan', '666666', 28);

INSERT INTO users
VALUES (2, 'lisi', '1q2w3e', 24);

INSERT INTO users (id)
VALUES (3);

INSERT INTO users (username, id)
VALUES ('wangwu', 4);

```

id	username	password	age
1	zhangsan	666666	28
2	lisi	1q2w3e	24
3		12345	18
4	wangwu	12345	18

删除数据

#

```

DELETE FROM <表名>
[WHERE <条件>];

```

```

-- INSERT INTO users
-- VALUES (5, 'wangwu', '1qaz2wsx', 100);

DELETE FROM users
WHERE id = 5;

DELETE FROM users
WHERE age = 100;

```

修改数据

#

```

UPDATE <表名>
SET <列名> = <表达式> [, <列名> = <表达式> ...]
[WHERE <条件>];

```

```

UPDATE users
SET password = '54321', age = 19
WHERE username = 'wangwu';

UPDATE users
SET age = age + 20
WHERE username = 'lisi';

```

id	username	password	age
1	zhangsan	666666	28
2	lisi	1q2w3e	44
3		12345	18
4	wangwu	54321	19

查询数据

#

```
SELECT <目标列表达式> [, <目标列表达式>] ...  
FROM <表名>  
[WHERE <条件表达式>];
```

```
SELECT id, username, password, age  
FROM users;
```

id	username	password	age
1	zhangsan	666666	28
2	lisi	1q2w3e	44
3		12345	18
4	wangwu	54321	19

```
SELECT *  
FROM users;
```

id	username	password	age
1	zhangsan	666666	28
2	lisi	1q2w3e	44
3		12345	18
4	wangwu	54321	19

```
SELECT username  
FROM users  
WHERE id=4;
```

username
wangwu

```
SELECT *  
FROM users  
WHERE username IS NULL;
```

id	username	password	age
3		12345	18

```
SELECT *  
FROM users  
WHERE username IS NOT NULL;
```

id	username	password	age
1	zhangsan	666666	28
2	lisi	1q2w3e	44
4	wangwu	54321	19

```
SELECT *  
FROM users  
WHERE age IN (18, 19);
```

id	username	password	age
3		12345	18
4	wangwu	54321	19