|  |  |
| --- | --- |
| **语句** | **语法** |
| AND / OR | SELECT column\_name(s) FROM table\_name WHERE condition AND|OR condition |
| ALTER TABLE (add column) | ALTER TABLE table\_name  ADD column\_name datatype |
| ALTER TABLE (drop column) | ALTER TABLE table\_name  DROP COLUMN column\_name |
| AS (alias for column) | SELECT column\_name AS column\_alias FROM table\_name |
| AS (alias for table) | SELECT column\_name FROM table\_name  AS table\_alias |
| BETWEEN | SELECT column\_name(s) FROM table\_name WHERE column\_name BETWEEN value1 AND value2 |
| CREATE DATABASE | CREATE DATABASE database\_name |
| CREATE INDEX | CREATE INDEX index\_name ON table\_name (column\_name) |
| CREATE TABLE | CREATE TABLE table\_name ( column\_name1 data\_type, column\_name2 data\_type, ....... ) |
| CREATE UNIQUE INDEX | CREATE UNIQUE INDEX index\_name ON table\_name (column\_name) |
| CREATE VIEW | CREATE VIEW view\_name AS SELECT column\_name(s) FROM table\_name WHERE condition |
| DELETE FROM | DELETE FROM table\_name  (**Note:**Deletes the entire table!!)  *or*  DELETE FROM table\_name WHERE condition |
| DROP DATABASE | DROP DATABASE database\_name |
| DROP INDEX | DROP INDEX table\_name.index\_name |
| DROP TABLE | DROP TABLE table\_name |
| GROUP BY | SELECT column\_name1,SUM(column\_name2) FROM table\_name GROUP BY column\_name1 |
| HAVING | SELECT column\_name1,SUM(column\_name2) FROM table\_name GROUP BY column\_name1 HAVING SUM(column\_name2) condition value |
| IN | SELECT column\_name(s) FROM table\_name WHERE column\_name IN (value1,value2,..) |
| INSERT INTO | INSERT INTO table\_name VALUES (value1, value2,....)  *or*  INSERT INTO table\_name (column\_name1, column\_name2,...) VALUES (value1, value2,....) |
| LIKE | SELECT column\_name(s) FROM table\_name WHERE column\_name LIKE pattern |
| ORDER BY | SELECT column\_name(s) FROM table\_name ORDER BY column\_name [ASC|DESC] |
| SELECT | SELECT column\_name(s) FROM table\_name |
| SELECT \* | SELECT \* FROM table\_name |
| SELECT DISTINCT | SELECT DISTINCT column\_name(s) FROM table\_name |
| SELECT INTO (used to create backup copies of tables) | SELECT \* INTO new\_table\_name FROM original\_table\_name  *or*  SELECT column\_name(s) INTO new\_table\_name FROM original\_table\_name |
| TRUNCATE TABLE (deletes only the data inside the table) | TRUNCATE TABLE table\_name |
| UPDATE | UPDATE table\_name SET column\_name=new\_value [, column\_name=new\_value] WHERE column\_name=some\_value |
| WHERE | SELECT column\_name(s) FROM table\_name WHERE condition |