

SQL Statement**Syntax**

AND / OR	SELECT column_name(s) FROM table_name WHERE condition AND OR condition
ALTER TABLE	ALTER TABLE table_name ADD column_name datatype or ALTER TABLE table_name DROP COLUMN column_name SELECT column_name AS column_alias FROM table_name
AS (alias)	or
BETWEEN	SELECT column_name FROM table_name AS table_alias SELECT column_name(s) FROM table_name WHERE column_name BETWEEN value1 AND value2
CREATE DATABASE	CREATE DATABASE database_name
CREATE TABLE	CREATE TABLE table_name (column_name1 data_type, column_name2 data_type, column_name3 data_type, ...) CREATE INDEX index_name ON table_name (column_name)
CREATE INDEX	or
CREATE VIEW	CREATE UNIQUE INDEX index_name ON table_name (column_name) CREATE VIEW view_name AS SELECT column_name(s) FROM table_name WHERE condition
DELETE	DELETE FROM table_name WHERE some_column=some_value

	or
	DELETE FROM table_name (Note: Deletes the entire table!!)
	DELETE * FROM table_name (Note: Deletes the entire table!!)
DROP DATABASE	DROP DATABASE database_name
	DROP INDEX table_name.index_name (SQL Server) DROP INDEX index_name ON table_name (MS Access)
DROP INDEX	DROP INDEX index_name (DB2/Oracle)
	ALTER TABLE table_name DROP INDEX index_name (MySQL)
DROP TABLE	DROP TABLE table_name IF EXISTS (SELECT * FROM table_name WHERE id = ?) BEGIN --do what needs to be done if exists END
EXISTS	ELSE BEGIN --do what needs to be done if not END
GROUP BY	SELECT column_name, aggregate_function(column_name) FROM table_name WHERE column_name operator value GROUP BY column_name
HAVING	SELECT column_name, aggregate_function(column_name) FROM table_name WHERE column_name operator value GROUP BY column_name HAVING aggregate_function(column_name) operator value
IN	SELECT column_name(s) FROM table_name WHERE column_name IN (value1,value2,..)
INSERT INTO	INSERT INTO table_name VALUES (value1, value2, value3,....)
	or
	INSERT INTO table_name (column1, column2, column3,...) VALUES (value1, value2, value3,....)
INNER JOIN	SELECT column_name(s) FROM table_name1 INNER JOIN table_name2 ON table_name1.column_name=table_name2.column_name

	SELECT column_name(s) FROM table_name1
LEFT JOIN	LEFT JOIN table_name2 ON table_name1.column_name=table_name2.column_name
	SELECT column_name(s) FROM table_name1
RIGHT JOIN	RIGHT JOIN table_name2 ON table_name1.column_name=table_name2.column_name
	SELECT column_name(s) FROM table_name1
FULL JOIN	FULL JOIN table_name2 ON table_name1.column_name=table_name2.column_name
	SELECT column_name(s)
LIKE	FROM table_name WHERE column_name LIKE pattern
	SELECT column_name(s)
ORDER BY	FROM table_name ORDER BY column_name [ASC DESC]
	SELECT column_name(s)
SELECT	FROM table_name
	SELECT *
SELECT *	FROM table_name
	SELECT DISTINCT column_name(s)
SELECT DISTINCT	FROM table_name SELECT * INTO new_table_name [IN externaldatabase] FROM old_table_name
SELECT INTO	<i>or</i>
	SELECT column_name(s) INTO new_table_name [IN externaldatabase] FROM old_table_name
SELECT TOP	SELECT TOP number percent column_name(s) FROM table_name
TRUNCATE TABLE	TRUNCATE TABLE table_name
	SELECT column_name(s) FROM table_name1
UNION	UNION SELECT column_name(s) FROM table_name2
	SELECT column_name(s) FROM table_name1
UNION ALL	UNION ALL SELECT column_name(s) FROM table_name2
	UPDATE table_name
UPDATE	SET column1=value, column2=value,... WHERE some_column=some_value
	SELECT column_name(s)
WHERE	FROM table_name WHERE column_name operator value