SQL SYNTAX

SQL SELECT Statement:

SELECT column1, column2....columnN

FROM table\_name;

SQL DISTINCT Clause:

SELECT DISTINCT column1, column2....columnN

FROM table\_name;

SQL WHERE Clause:

SELECT column1, column2....columnN

FROM table\_name

WHERE CONDITION;

SQL AND/OR Clause:

SELECT column1, column2....columnN

FROM table\_name

WHERE CONDITION-1 {AND|OR} CONDITION-2;

SQL IN Clause:

SELECT column1, column2....columnN

FROM table\_name

WHERE column\_name IN (val-1, val-2,...val-N);

SQL BETWEEN Clause:

SELECT column1, column2....columnN

FROM table\_name

WHERE column\_name BETWEEN val-1 AND val-2;

SQL LIKEClause:

SELECT column1, column2....columnN

FROM table\_name

WHERE column\_name LIKE { PATTERN };

SQL ORDER BY Clause:

SELECT column1, column2....columnN

FROM table\_name

WHERE CONDITION

ORDER BY column\_name {ASC|DESC};

SQL GROUP BY Clause:

SELECT SUM(column\_name)

FROM table\_name

WHERE CONDITION

GROUP BY column\_name;

SQL COUNT Clause:

SELECT COUNT(column\_name)

FROM table\_name

WHERE CONDITION;

SQL HAVING Clause:

SELECT SUM(column\_name)

FROM table\_name

WHERE CONDITION

GROUP BY column\_name

HAVING (arithematic function condition);

SQL CREATE TABLE Statement:

CREATE TABLE table\_namecolumn1 datatype,

column2 datatype,

column3 datatype,

.....

columnN datatype,

PRIMARY KEY( one or more columns )

);

SQL DROP TABLE Statement:

DROP TABLE table\_name;

SQL CREATE INDEX Statement:

CREATE UNIQUE INDEX index\_name

ON table\_name ( column1, column2,...columnN);

SQL DROP INDEX Statement:

ALTER TABLE table\_name

DROP INDEX index\_name;

SQL DESC Statement:

DESC table\_name;

SQL TRUNCATE TABLE Statement:

TRUNCATE TABLE table\_name;

SQL ALTER TABLE Statement:

ALTER TABLE table\_name {ADD|DROP|MODIFY} column\_name {data\_ype};

SQLALTER TABLE Statement (Rename):

ALTER TABLE table\_name RENAME TO new\_table\_name;

SQL INSERT INTO Statement:

INSERT INTO table\_name( column1, column2....columnN)

VALUES ( value1, value2....valueN);

SQL UPDATE Statement:

UPDATE table\_name

SET column1 = value1, column2 = value2....columnN=valueN

[ WHERE CONDITION ];

SQL DELETE Statement:

DELETE FROM table\_name

WHERE {CONDITION};

SQL CREATE DATABASE Statement:

CREATE DATABASE database\_name;

SQL DROP DATABASE Statement:

DROP DATABASE database\_name;

SQL USE Statement:

USE DATABASE database\_name;

SQL COMMIT Statement:

COMMIT;

SQL ROLLBACK Statement:

ROLLBACK;