1. CREATE DATABASE Statement

CREATE DATABASE databasename;

## 2. DROP DATABASE Statement

DROP DATABASE databasename;

## 3. CREATE TABLE Statement

CREATE TABLE table\_name (  
    column1 datatype,  
    column2 datatype,  
    column3 datatype  
);

## 4. PRIMARY KEY on CREATE TABLE

CREATE TABLE Persons (  
    ID int NOT NULL,  
    LastName varchar(255) NOT NULL,  
    FirstName varchar(255),  
    Age int,  
    PRIMARY KEY (ID)  
);

## 5. FOREIGN KEY on CREATE TABLE

CREATE TABLE Orders (  
    OrderID int NOT NULL,  
    OrderNumber int NOT NULL,  
    PersonID int,  
    PRIMARY KEY (OrderID),  
    FOREIGN KEY (PersonID) REFERENCES Persons(PersonID)  
);

## 6. INSERT INTO Statement

INSERT INTO table\_name (column1, column2, column3, ...)  
VALUES (value1, value2, value3, ...);

## 7. UPDATE Statement

UPDATE table\_name  
SET column1 = value1, column2 = value2, ...  
WHERE condition;

## 8. DELETE Statement

DELETE FROM table\_name  
WHERE condition;

# 9. SQL Joins

SELECT Orders.OrderID, Customers.CustomerName, Orders.OrderDate  
FROM Orders  
INNER JOIN Customers ON Orders.CustomerID=Customers.CustomerID;

## 10. SELECT INTO Statement

SELECT \*  
INTO newtable [IN externaldb]  
FROM oldtableWHERE condition;

## 11. INSERT INTO SELECT Statement

INSERT INTO table2  
SELECT \* FROM table1WHERE condition;

## 12. AND, OR and NOT Operators

SELECT column1, column2, ...  
FROM table\_name  
WHERE condition1 AND condition2 AND condition3 ...;

## 13. WHERE Clause

SELECT column1, column2, ...  
FROM table\_name  
WHERE condition;

# 14. NULL Values

SELECT column\_namesFROM table\_name  
WHERE column\_name IS NULL;

## 15.NOT NULL Constraint

CREATE TABLE Persons (  
    ID int NOT NULL,  
    LastName varchar(255) NOT NULL,  
    FirstName varchar(255) NOT NULL,  
    Age int  
);