DDL Statements with examples

DDL statements defined…

- DDL is short name of Data Definition Language.

- Which deals with database schemas and descriptions.

- How the data should reside in the database.

- CREATE, ALTER , DROP, TRUNCATE.

CREATE statements…

- CREATE statement is used to create a new table in an existing database. CREATE statement is also used to create other database object such as a stored procedure, function, etc.

- CREATE TABLE Persons (
    PersonID int,
    LastName varchar(255),
    FirstName varchar(255),
    Address varchar(255),
    City varchar(255)
    );

Alter statements…

- Alter statement can add a column, modify a column, drop a column, rename a column or rename a table.

- ALTER TABLE Customers
  ADD Email varchar(255);

DROP statements…

- SQL DROP TABLE statement is used to remove a table definition and all the data, indexes, triggers, constraints and permission specifications for the table.

- DROP TABLE Shippers;

- DROP database sakila;

Truncate statements…

- TRUNCATE SQL query removes all rows from a table, without logging the individual row deletions.

- TRUNCARE TABLE Shippers;