Department of Computer Science and Engineering, Anna University, Chennai
CS6106 – Database Management Systems
Sem / Batch: IV / Q, March 15, 2022

Week 2 – Study and Implementation of DDL and DML Commands

Observation (5)

1. Write the syntax for the following DDL and DML Commands.

   ### A. Data Definition Language
   1. CREATE
   2. ALTER
      a. To Add a New Column
      b. To Drop Columns
      c. To Change Data Type of a Column
      d. To Rename a Column
   3. DROP
   4. TRUNCATE
   5. Write Difference between Drop and Truncate.

   ### B. Data Manipulation Language
   1. INSERT
   2. SELECT
      a. Select a column from a table
      b. To Select all the columns from a table
   3. UPDATE
      a. Updating a Single Column
      b. Updating Multiple Columns
   4. DELETE

   ### C. Clauses (*Study & Write syntax with any ONE of the DML Statements*)
   1. WHERE
   2. AND
   3. OR
   4. AS

2. What are Data types and list its types.

Execution (15)

Execute DDL and DML Commands for the given case study.
1. List the names of all entities, weak entities, relationships having attributes, all the types of attributes.
2. Create Table for all the entities and relationships.
3. Insert 10 records for all the tables created.
4. Explore all the other DDL and DML Commands.