

Assignment 2

DDL & DML Commands (Basics)

1. Exercise 1 (practice on SQL commands)
 - a. Practice all the following DDL commands
 1. Creating a table
 2. Altering a table
 3. Drop a table
 4. Truncating a table
 5. Rename
 - b. Practice all the following DML commands
 1. Inserting Rows into table
 2. Deleting Rows from table
 3. Updating data in a table
 4. Defining constraints
 2. Assignment on DDL and DML commands
 - A. Suppose that a faculty wants to keep records about the students, the desired records should maintain this information about each student: (Roll No, Full name, CGPA, Age, and Gender)
 - a. Create the appropriate Table.
 - b. Write SQL Queries to answer the following problems:
 - List the names of all female students.
 - What is the age of the youngest male student?
 - List the name and the CGPA for all students who got above 6.5 CGPA ordered by their CGPAs then their names.
 - What is the Topper name?
 3. A supermarket manager likes to keep records about all the items in his store these records should hold the following information about each item (the item identifier item_id, the item name, the item price, expiration date of the item, quantity in hand)
 - a. Create the appropriate table.
 - b. Write sql queries to answer the following problems:
 - List the names and prices for all items that have a quantity in hand >20.
 - List the names of expired items.
 - name the second most expensive item.
- Alter the table structure to make sure that no negative value can be assigned to the price field