

Assignment Questions:

1. Basic SQL Queries:

- Write a SQL query to retrieve all columns from a table named `employees`.
- Write a SQL query to retrieve the `emp_id`, `emp_name`, and `dept_id` from the `employees` table, where the `location` is 'Cairo'.

2. DISTINCT Keyword:

- Write a SQL query that displays distinct `dept_id` values from the `employees` table.

3. Data Definition Language (DDL):

- Write a SQL query to create a table `students` with the following columns: `ID` (Primary Key), `First_Name` (not null), `Last_Name` (default 'Unknown'), `Address` (default 'N/A'), `City` (default 'N/A'), and `Birth_Date`.
- Write a SQL query to drop the `students` table.

4. Data Manipulation Language (DML):

- Write a SQL query to insert the following values into the `students` table: ('Ahmed', 'Ali', 'Downtown', 'Cairo', '1995-01-01').
- Write a SQL query to update the `Address` of the student with `Last_Name = 'Ahmed'` to 'Garden City'.

5. Transaction Control:

- Write a SQL query to delete the rows from the `students` table where `City` is 'Cairo', and then rollback the transaction.