Register Number:

Name:

Experiment Number and Name : 1 : DDL, DML, and TCL commands

Date : 11/07/2024 Time : 9.45 to 11.45

Scenario:

You have been assigned the task of managing student records for a new database called "StudentDetail". Your responsibilities include creating tables, inserting and updating records, and modifying table structures to meet new requirements.

Tasks:

1. **Create** a database named StudentDetail.

   Query & Output Screen:

2. **Construct** a table TStudentsMaster with the following attributes:
   ○ Fn_Regno number(7) as the primary key, Fs_Name varchar2(30), Fs_Course varchar(10), Fn_Batch number(4) default value of 2024, Fn_mobile number(10), Fs_email varchar(40) which must contain an '@' character and end with ".com" and city Fs_City varchar (20).

   Query & Output Screen

3. **Insert** 10 instances into the TStudentsMaster table.

   Query & Output Screen

4. **Display** the table structure.

   Query & Output Screen

5. **Retrieve** the records from the table.

   Query & Output Screen

6. **Modify** the TStudentsMaster table by adding a new attribute DOJ (Date of Joining).

   Query & Output Screen

7. **Show** the updated table structure.

Query & Output Screen

8. **Assign** June 1, 2024, to the DOJ attribute for all records.

   Query & Output Screen

9. **Retrieve** the records from the table

   Query & Output Screen

10. **Remove** the DOJ column from the table.

    Query & Output Screen

11. **Exhibit** the table structure after the column removal.

    Query & Output Screen

12. **Rename** the column Fs_email to Email.

    Query & Output Screen

13. **Illustrate** the updated table structure.

    Query & Output Screen

14. **Retrieve** the records based on specific criteria.

    Query & Output Screen

15. **Select** unique batch and course details.

    Query & Output Screen

16. **Update** the city name to "Bangalore" for specific students.

    Query & Output Screen

17. **Show** the student details for those from Bangalore.

    Query & Output Screen

18. **Delete** a particular student record.

    Query & Output Screen