Lab Cycle 1

Date : dd/mm/yyyy

Experiment No: 1

AIM : Familiarization of DDL Commands

 # Brief description about DDL Commands and its syntax.

A. Consider the database for a college. Write SQL commands to implement the following:

1. Create a database

   # Write SQL Command

   # Output

2. Select the current database

   # Write SQL Command

   # Output

3. Create the following tables:

   a) Student (roll_no integer, name varchar, dob date, address text, phone_no varchar, blood_grp varchar)

   b) Course (Course_id integer, Course_name varchar, course_duration integer)

   # Write SQL Command

   # Output

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Lab Cycle 1

Date : dd/mm/yyyy

Experiment No: 2

AIM : Familiarization of SQL Constraints.

 # Brief description about SQL Constraints and its syntax.

1. Create new table Persons with attributes PersonID (integer, PRIMARY KEY), Name (varchar , NOT NULL), Aadhar (Number, NOT NULL, UNIQUE), Age (integer , CHECK>18).

   # Write SQL Command

   # Output

2. CREATE TABLE Orders with attributes OrderID (PRIMARY KEY), OrderNumber(NOT NULL) and PersonID(set FOREIGN KEY on attribute PersonID referencing the column PersonId of Person table)

   # Write SQL Command

   # Output

3. Display the structure of Persons tables.

   # Write SQL Command

   # Output

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Lab Cycle 1

Date : dd/mm/yyyy

Experiment No: 3

AIM : Familiarization of DML Commands.

 # Brief description about DML Commands and its syntax.

1. Add at least 10 rows into the table Employee and Department.

   # Write SQL Command

   # Output

2. Display all the records from the above tables.

   # Write SQL Command

   # Output

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