

Alter

Task 2.1

DDL & DML Commands.

Aim:- To Perform (DDL) data definition languages and (DML) Date Manipulation language Commands.

DDL Commands

→ Create.

→ Drop.

→ Alter.

→ Truncate.

→ Rename.

DML Commands

→ Insert.

→ Update.

→ Delete.

→ Select.

DDL Commands

Creating a Table by using Create Command

CREATE TABLE Student C.

Stu - id int,

Stu - name varchar(30)

Stu - department varchar(30)

Stu - gender varchar(30)

Stu - Ph - no int;

* Using ALTER command we can add or remove the column.

SYNTAX:-

ALTER table student ADD column stu-depart-id int;

After Alter table
desc student.

STU-ID	INT
STU-NAME	VARCHAR(30)
STU-DEPARTMENT	VARCHAR(30)
STU-GENDER	VARCHAR(15)
STU-PH-NUM	INT
STU-DEPART-ID	INT

After inserting into table.

Select * from student

S.NO	Stu-ID	Stu-Name	stu-depart-stu-gender
1	30821	Shrawan	CSE Male
2	2880	Mirial	CSE male

Stu-Phone	Stu-depart-id
8610056	1225
123456	1025

* Drop

Drop command is used to drop the table completely
DROP TABLE Student

TRUNCATE

* Truncate command is used to remove all data but keep structure.

TRUNCATE TABLE Student;

DML Commands

INSERT

* Insert command is used to insert the values to the table.

INSERT INTO Student, VALUES

(30621, 'Sriram', 'CSE', 'male', 9682428)

(28800, 'Gopal', 'CSE', 'male', 8624321)

UPDATE

* Update command is used to update the existing records.

UPDATE Student

SET stu-name = 'Sriram'

WHERE stu-ID = 28800;

DELETE:-

* Delete command is used delete a record.

DELETE FROM student

WHERE stu-ID = 28800

After updating table
Select * from student

S.NO	Star-id	Star-Name	Star-Department	Star-Gender
1	30628	shrawan	CSE	Male
2	28800	mohith	CSE	Male

Star-Phone-No	StudePort-ID
868056	1225
123456	1025

SELECT

Select Command is used to retrieve the records from table.

SELECT * from student.

SNo	Stu-ID	StuName	StuDepartment	StuGender	Stu-Ph-No
1	30621	Sriram	CSE	male	928628

Ex:-

CREATE TABLE Students (

Rollno INT,

Name VARCHAR (30),

Age INT

Course VARCHAR (30);

ALTER TABLE Students (ADD

Email VARCHAR (50);

IN SET INTO Students VALUES

(1, 'Sriram', 10, 'BTeach', 'sriram@gmail.com')

(2, 'Roy', 21, 'BTeach', 'roy@gmail.com')

(3, 'Arun', 20, 'BTeach', 'arun@gmail.com')

UPDATE Students

SET Email = vtu30628@gmail.com

WHERE Roll-no = 1;

DELETE FROM Students

WHERE Roll-no = 2;

SELECT * FROM students;

S.NO	Roll-no	Name	Age	Course	Email
1	1	Sriram	19	B.Tech	sriram@gmail.com
2	3	Roy	21	D.Tech	roy@gmail.com

SELECT Name FROM students

S.NO	Name
1	Sriram
2	Roy.

SELECT * FROM students

~~WHERE Name = 'Sriram';~~

~~WHERE Name = 'Sriram';~~

S.NO	Roll-no	Name	Age	Course	Email
1	1	Sriram	19	B.Tech	sriram@gmail.com

VEL TECH - CSE	
EX NO.	2-1
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	—
RECORD (5)	4
TOTAL (20)	14
SIGN WITH DATE	2
	418

~~Result:- All the DDL and DML Commands are in SQL are successfully executed~~