

u/ster

Task 2.1

DDL & DML Commands.

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

DDL Commands

- Create.
- Drop
- Alter.
- Truncate
- rename

DML Commands

- Insert
- update
- Delete.
- Select

DDL Commands

Creating a Table by using create commands

✓ `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(10)

STU-PH-NO

INT

STU-DEPART-ID

INT

After inserting into table.

Select * from student

S.NO	Stu-ID	Stu-Name	studepar	stugender
1	3084	Shrovan	Cse	male
2	2880	Mirile	Cse	male

Stu-Ph-no	Stu-depart-id
861056	1225
123456	1425

* 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 into table.

INSERT INTO Student, VALUES

(30621, 'Sriram', 'CSE', 'male', '9682426')
(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	Sta-id	Sta-Name	Sta-department	Sta-gender
1	30618	Shravan	CSE	male
2	28800	Mohith	CSE	male

Star-Phone-No	Star-dept-Id
868056	1225
123456	1025

SELECT

Select Command is used to retrieve the records from table.

SELECT * FROM student.

Sno	Sta-ID	StuName	studeDepartment	stu-gender	Sta-Ph-no
1	30628	Sriram	CSE	male	928628.

Ex:-

CREATE TABLE students (

Roll-no INT,

Name - VARCHAR (30),

Age INT

Course VARCHAR (30);

ALTER TABLE students (ADD

Email VARCHAR (50);

INSERT INTO students VALUES

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

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

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

UPDATE students

SET Email = vtu 30628@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	B.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	4/8

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