

Generating design of other ~~SQL~~ ~~SQL~~ Database

Aim : To perform SQL Data Definition Language and SQL Data Manipulation Commands.

DDL Commands:

- 'Create' .
- 'DROP'
- 'Alter'
- 'rename' .

DML Command:

- 'Insert'
- 'Update'
- 'Delete'
- 'select'

DOL Commands:

* Creating a Table by using Create commands
CREATE TABLE student (

stu-id int,
stu-name varchar(30),
stu-department varchar(30),
stu-gender varchar(30),
stu-marks int;

* Using ALTER Command we can add or move the column;

Syntax:

ALTER TABLE student ADD column stu-denot
= 3 int;

Drop.

Drop Command is used to drop the table completely. Drop Table student

TRUNCATE:

- * Truncate Command is used to 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.

(30628, 'Sanjay', 'CSE', Male, 9682426)

(28800, 'Shrawan', 'CSE', Male, 862431)

(28800, 'Shrawan', 'CSE', Male, 862431)

UPDATE.

- * Update Command is used to update the existing records.

UPDATE student

SET stu-name = 'Sanjay'

WHERE stu-ID = 28800;

DELETE

- * Delete Command is used to operate the existing records.

Delete from student

WHERE stu-ID = 28800;

SELECT

* Select Command is used to retrieve the records from table.

SELECT * From student

S.NO	stu-ID	stu-name	stu-dep	stu-gender	stu-ph-no
1	30628	Ram	ESE	male	928628

Ex:

```

CREATE TABLE STUDENTS (
    Roll-no INT,
    Name VARCHAR(50),
    Age INT,
    Course VARCHAR(50));
ALTER TABLE Students ADD
    Email VARCHAR(50);
INSERT INTO Students VALUES
    (1, 'Sanjay', 19, 'BTech', 'sanjay@gmail.com'),
    (2, 'Roy', 21, 'BTech', 'roy@gmail.com'),
    (3, 'Arun', 20, 'BTech', 'arun@gmail.com')
  
```

UPDATE Students

SET Email = vtu 29965 @ 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	Ram	19	B.Tech	Ram@gmail.com
2	3	Roy	20	B.Tech	roy@gmail.com

SELECT Name From students;

S.NO	Name
1	Ram
2	Roy

SELECT * From students

where name = "sanjay",

SNID	RollNo	Name	Age	Course	Email
1	1	Sam	20	B.Tech	sam@gmail.com

1 of

marks

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Result: All the DDL and DML Commands are successfully executed.

EX NO.	PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5	
VIVA VOCE (5)	5	
RECORD (5)	—	
TOTAL (20)	15	
SIGNATURE		

4/08/25