

ADM:-

To implement Data Definition Language (DDL) commands in relational database management system and DML commands.

①) DDL Commands:

DDL are used to define, modify, or delete the structure of database object such as follows

1. Create table - used to create table

Query:-

Create table students (stdid int primary key, stdname varchar(50), rollno, int, phno int);

Create table employee (empid int, empname varchar(50));

Output:-

table created(2).

2. Describe / Desc - display structure of table

Query:- desc students;

Output:-

Name	Null?	Type
stdid	NOT NULL	NUMBER(38)
stdname		VARCHAR2(50)
rollno		NUMBER(38)
ph.no		NUMBER(38)

3. Alter - Used to add, delete or modify column in existing table.

Query:-

Alter table students add Admission date;

Output:

Table altered(2)

4. Drop Table: Delete the entire table and its values.

Query:

Drop table students;

Output:

Table dropped.

II) DML Commands:

Used to manage and manipulate data inside database tables.

1) Insert into: To insert values in table.

Query:

insert into employee values (011, 'Elven');

insert into employee value (001, 'vetna');

Output:

1 rows inserted.

2) Update

Modifier existing data in table

Query:

Update employee set empname = 'max mayflower'
where empid = 011;

Output:

1 row updated

Select * From employee

empid

empName

011

Max mayflower

001

vetna

3. Select - Receiver data from one or more table

Select empname From employee;

Output:

empname

max mayfield

vetna

4. Select with where user interview specific record that satisfy condition.

Query:

Select * From employee where empid=011;

empid

empname

011

Max mayfield

5) Delete

Delete one or more rows from table

Delete from employee where empid=011;

Output:

1 row deleted.

VEL TECH	
EX NO.	2
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	1
RECORD (5)	1
TOTAL (20)	11
SIGN WITH DATE	

Result:-

Hence, the implementation of DDL and DML commands in Relational database is done executed.

To study and implement . DDL and DML commands in RDBMS based on 'COLLEGE SLOT MANAGEMENT SYSTEM'.

1. DDL:- Create:-

Create table slot (slot_id int primary key, Slot_type varchar (30), instructor varchar (30), join_date date, venue varchar (30));

Create table department (dept_id int primary key dept_name varchar (50), slot_id int, foreign key (slot_id) reference slot (slot_id));

Create table course (course_id int primary key, course_name varchar (100), credits_offered int, prerequisites . Varchar(100), dept_id int, course_type varchar (30), foreign key (dept_id) reference department (dept_id));

Create table student (student_id int primary key, name varchar (50), email varchar (50) unique, age int, academic_year int, dept_id int, slot_id int, foreign key (dept_id) references department (dept_id), foreign key (slot_id) reference slot (slot_id));
(Table created (4)).

Alter:- Alter Table student add phone varchar (15);
(Table created (Altered))

Truncate:- Truncate Table student;

Drop:- Drop Table student: Table Dropped

II, DML COMMAND

Insert:-

Insert into slot values (1, 'Morning', 'Dr. Ravi',
'2020-06-01', 'Hall A');

Insert into slot values (2, 'Evening', 'prof. Mena',
'2019-07-01', 'Hall B');

Insert into Department values (101, 'Computer', 1);

Insert into Department values (102, 'Electronics', 2);

Insert into Course values (201, 'DBMS', 4,
'Basic sql', 101, 'core');

Insert into course values (202, 'Networks', 3,
'c programming', 102, 'core');

Insert into student value (301, 'Arun', 'arun@
gmail.com', 20, 2, 121, 1);

Insert into student value (302, 'Divya',
'divya@gmail.com', 19, 1, 102, 2);

UPDATE:- update student set email =

'arun 123 @gmail.com'. where student_id=301;

DELETE:- Delete from student where.
student_id = 302;

SELECT +

WHERE :- select name, email from student.
where age > 19;

SELECT:-

select * from student;

select name, student_id from student;

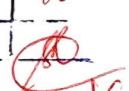
Name	stu-id
Arun	301

Select * from student;

Select name, student_id from student;

stolid	Name	email	age	academic year	dep-id	slot-id	Phone no
301	Arun	arun@gmail.com	20	2	101	123	Null
302	Divya	divya@gmail.com	19	1	102	124	NULL

Name	std-id
Arun	301
Divya	302

VEL TECH	
EX NO.	21
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	0
RECORD (5)	
TOTAL (20)	10
SIGN WITH DATE	

Result:-

Thus, the task to create DDL & DML command created for task entity in relational DBMS has been completed successfully.