Dt: 05/08/25 Implimentation of DPL commands of SPL with Example Dim: To study and implement Data Definition language (PDL) commade in Relational Problems Patabase Manage ment system (RDBMS) I) DPL KOMMAND Die used to objece, modify, of delete the shruture of database objects such as tables. 1) Create Poble : create a new table in database Query: create table deather steelid int, Primary Key, tech Name yarchar (100), Bepartment vardia (50), phno int); Create table Teacher (teach id int, tech name varchage output: Table wested (2). 2) pesoribe or Desc - Displays structure of a table query: Dek Andrit Taler; output: Nulls Name Type testid Number (28) tech rame Varchar (50) apostment Narchar (38) Number (28) phino 3) DITER TABLE - used to radd, delete of modify clums on snisting table

query:

Tether

sites table Theodorete add admission date: vatter table Employee remaine to Employees; output: Table sattered (2)

) DOOP TABLE: Pellete Entire table structure and all its data
query: whop table Teacher.
Output: Table dropped
DML COMMANOS - Used to manage and manipulate data inside chartabase tables.
INSERT INTO;
Inserts new rows into a table.
precy: insert all inta Employees (ampid, Emprane) value
(101, swamy') into Employees (empid, smp name)
values (102, 'swamy') iselect + from dual;
Output:
2. UPDATE: Modifies existing dada in a table
prienzi update Employees set Emprame = Swamy Sai
where empid = 102;
Output i row updated
ofter update: select * from employees
output: Empid Emprame
101 bwany
102 Swarny Sai
U

s)select - Receives data from some or more trable select imprame from imployees; output: Emprame Swarry Sarry Sai 4) Select with where clause extreme specific heiords that satisfy condition select & from Employee where Empid=101; Emprame Swamy 5) Delete: Delety one is more irves from table alete from suployes where supl d = 101; Output: 1 row ideleted select * from Employees; output: Empid Emprome Swany Sai 102 PERFORMANCE (5) REPULT AND ANALYSIS (5) VIVA VOCE (5) RECORD (5) Perult , Thus, the took to implementing DOL & DAL commands in relational databax Kanagement System completed successfully.

12/08/25 Tak. 22 ppl and DM commandes with constraints Aim: To implement the Dada Definition language and Oata Kanipulation language rommands with constraints. PRIMARY KEY, FOREIGN KEY, NOTNOLL, UNROUE, CHECK, OFFAULT care the combaints used. for Hospital Management system 1. DDL Lommands 1.1. CREATE Table CREATE TABLE Patient (PatientIO INT PRIMARY KEY, Padient Name VARCHAR (50) NOT NULL, Gender CHARLI CHECK (Gender IN(M/F)), Age INT CHECK (Age>0), Confact Number VARCHAR (15) UNIQUE, Addres VARCHAR (100)); Pable Created. output: constaints Dasatype Column Name PRIMARY KEY. INT Patient ZD NOT NULL VARCHAR Pattert Name check (Gender is char(1) Gender (M/P) INT Check (Agers) Age UNZQUE donfact Number Varchar (5-)

CREATE TABLE Appaintment (AppointmentID · INT PREMARY KCY, Pasient ID INT NOT NULL, · DOCKO ID PNT NOT NULL, Appointment Date DATE DEPAULT CURRENT-DATE. Diagnosis VARCHAR (200), FOREIGN KEY (Patent 10) REPERENCES Patent (Patient 11). FORERGN KEY (OCCHS ID) REPERENCES DOCHS (DOCHS ID) Output: Table realed. Pasatype Column Name constalits PREMORY KEY INT Appointment 10 NOT NULL INT · Patient 10 NOT NULL INT Boefor 1D · FOREZGNELY WARCHAR · Oragnosis 1.2 ALTER TABLE: ALTER TABLE Patient ADD Emoil VARCHAR (50); ALTER TABLE Patient MODIFY Confactnumber VARCHAR (20); output: Table ALTGRED. 1.3. TRUNEATE Table: TRUNCATE TABLE Appointment exsult ! All nows viemoved from Appointment table, structure remains. MARGNAME Table. RENAME TABLE Patient To Patients;

2. DML commands for Hopital Management system 2.1. INSERT DATA INSERT INTO Patients (Patient 10, Patient Name, Genda, Age, Contact Number, Addres, Emall) VALUES (1, John Dee 1, M1, 35, 19876543210, NEW DELHE! John@g mad, com'); select * from Patient ouput - Patient 10 sohn De Patient Name Gender Age 9876543210 ContactNumber NGW PELLE Address succenfully Result Records inserted 2.2. UPDATE pata UPDATE Padient SET Age = 36, Address = Chennail WHERE Patient 1021 persett: John Does age potated to 36 and address changed to whenhat. 2.3. DELETE DOTO DELETE FROM Appan ment WHERE Appointment 10' = 1001; output: Appoindment with 10 1001 deleted.

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EX NO.

PERFORMANCE (5)

PERFORMANCE (5)

RESULT AND ANALYSIS (5)

VIVA VOCE (5)

RECORD (5)

RECORD (5)

RECORD (5)

RECORD (5)

RECORD (5)

ANALYSIS (5)

FOTAL (20)

SIGN WITH DATE

ANALYSIS (5)

ANAL

Result: Thus implementing DOL & DAL commands with constraints for topital ranagement system completed surfacely.