TRACTICALO SOMENIE Alm Greak a ditabase 18919

Data Definition Language (DDL)

and apply integrity constants

constraints for the specified system Theory: DDL Queries are used to:

a) To create shruhre of the database
b) To change or modify the shruhre
c) To deteted a table I from database
d) To change the name of a table
c) To detete rows of a table. & Create Query Syntan: exeate table Lname>
(colonn!, datatype (size),
colonn2, datatype (size), Example for student into (rolling, name, DOB, address, branch) create table guery would be create table student into (rollno number (4), name varchar (30), DOB DATE, address varchar (40), branch varchar (4));

* Alter Query. - used to change the shortere
of an existing query / table.
Type - a) Alter add
b) Alter modify . Alteradd is used when we need to add a new do column to an existing table We can also add constraints. 1) to add when: after table kname> To add constraint: after table inome) add constraint name type (columny) after table student into add email vorchar (20); after table student info add constraint student key primarykey (Rollno); stre of an existing table is to be modified. This givery can also be used to add a not not constraint. alter table knowed modify columname dadappe (size);

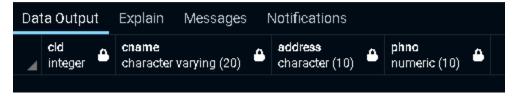
8	Door Brezze wood to wouldely defete a
	Drop Guery- used to completely defete a fable from database.
	Syntax drop table kname); Eq. drop table student info;
AND REPORTED TO A SHIPLE OF	Francote Query- similar to drop, but removes only few selected rough & whomas
	Syntare: Truncate table Knamer; Eg. Truncate table studentinfo;
	Rename Query - to rename the name of table Syntax old table name to new table name? Eq. student info to student details;

DDL Queries with Output:

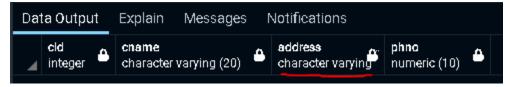
- 1. Customer Table:
- a. create table customer (cid int, cname varchar (20),address char(10));

Data Output	Explain	Messages	Notif	Tications		
CREATE TABLE						
Query retur	ned succ	essfully ·	in 222	msec.		

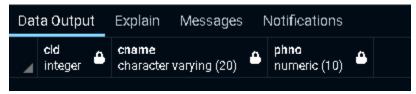
b. alter table customer add phno numeric (10);



c. alter table customer modify address varchar (20); alter table customer alter column address type varchar;



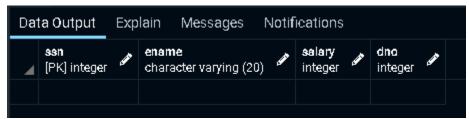
d. alter table customer drop column address;



- 2. Employee Table
- a. create table employee (ssn int primary key, ename varchar(20) not null, salary int,dno int,Foreign key(dno) references dept(dno));



b. alter table employee add constraint fk_dno foreign key(dno) references dept1(dno);



3. Department Table:

a. create table dept1(dno int primary key,dname varchar(20),mgrssn int references employee,startdate datetime);



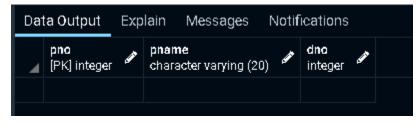
4. Deptlocation Table:

a. create table deptloc(dno int,dloc varchar(20),primary key(dno,dloc),foreign key(dno) references dept1(dno));



5. Project Table:

a. create table project (pno int primary key,pname varchar(20),dno int references dept1(dno));



6. Table Dependent:

a. create table dependent(ssn int,depname varchar(20),relation varchar(20), primary key(ssn,depname),foreign key(ssn) references employee(ssn));

