

EXPERIMENT : 3

AIM

To familiarize DDL Commands- ALTER,DROP,TRUNCATE,RENAME

QUESTION

1.Create a table emp with attributes empno number(4)as primary key, ename char(10), hiredate , salary, commission insert 5 rows of data

2.Modifying the structure of tables

- a. Add new columns: sal number (7,2)
- b. Dropping a column from a table: sal
- c. Modifying existing column: ename varchar2(15)
- d. Renaming the tables: emp to emp1
- e. truncating the tables: emp1
- f. Destroying tables:emp

3.Create a table stud with sname varchar2(20) primary key , rollno number(10) not null,dob date not null

4.Create a table student as regno number (6), mark number (3) check constraint (mark >=0 and mark <=100));

5.Create a table cust with(custid number(6) constraint unique, name char(10)

Name : RITYMARIYA K R
Roll No: 28
Batch: MCA B
Date: 08 /04/2022

PROCEDURE & OUTPUT

1.CREATE TABLE emp (EMPNO INT (4) PRIMARY KEY, ENAME CHAR (10), HIREDATE DATE, SALARY INT(5),COMMISSION INT(5));

INSERT INTO emp (EMPNO, ENAME, HIREDATE, SALARY, COMMISSION) VALUES
 (101,'RAMESH','1980-01-17',5000, null), (102,'AJAY','1985-07-05',5000,500),
 (103,'RAVI','1981-08-12', 1500, null), (104,'Nikesh','1983-03-03',3000,700),
 (105,'Ravi','1985-07-05', 3000, null);
 select * from emp;

	EMPNO	ENAME	HIREDATE	SALARY	COMMISSION
▶	101	RAMESH	1980-01-17	5000	NULL
	102	AJAY	1985-07-05	5000	500
	103	RAVI	1981-08-12	1500	NULL
	104	Nikesh	1983-03-03	3000	700
	105	Ravi	1985-07-05	3000	NULL
	NULL	NULL	NULL	NULL	NULL

2a. ALTER TABLE emp ADD sal int;

select * from emp;

	EMPNO	ENAME	HIREDATE	SALARY	COMMISSION	sal
▶	101	RAMESH	1980-01-17	5000	NULL	NULL
	102	AJAY	1985-07-05	5000	500	NULL
	103	RAVI	1981-08-12	1500	NULL	NULL
	104	Nikesh	1983-03-03	3000	700	NULL
	105	Ravi	1985-07-05	3000	NULL	NULL
*	NULL	NULL	NULL	NULL	NULL	NULL

2b. ALTER TABLE emp DROP COLUMN sal;

select * from emp;

	EMPNO	ENAME	HIREDATE	SALARY	COMMISSION
▶	101	RAMESH	1980-01-17	5000	NULL
	102	AJAY	1985-07-05	5000	500
	103	RAVI	1981-08-12	1500	NULL
	104	Nikesh	1983-03-03	3000	700
	105	Ravi	1985-07-05	3000	NULL
*	NULL	NULL	NULL	NULL	NULL

2c. ALTER TABLE emp MODIFY ename VARCHAR (15);

select * from emp;

	EMPNO	ename	HIREDATE	SALARY	COMMISSION
▶	101	RAMESH	1980-01-17	5000	NULL
	102	AJAY	1985-07-05	5000	500
	103	RAVI	1981-08-12	1500	NULL
	104	Nikesh	1983-03-03	3000	700
	105	Ravi	1985-07-05	3000	NULL
*	NULL	NULL	NULL	NULL	NULL

2d. RENAME table emp to emp1;
select * from emp1;

	EMPNO	ename	HIREDATE	SALARY	COMMISSION
▶	101	RAMESH	1980-01-17	5000	NULL
	102	AJAY	1985-07-05	5000	500
	103	RAVI	1981-08-12	1500	NULL
	104	Nikesh	1983-03-03	3000	700
	105	Ravi	1985-07-05	3000	NULL
*	NULL	NULL	NULL	NULL	NULL

2e. TRUNCATE TABLE emp1;
select * from emp1;

	EMPNO	ename	HIREDATE	SALARY	COMMISSION
*	NULL	NULL	NULL	NULL	NULL

2f. DROP TABLE emp1;
select * from emp1;

✓ 52 11:26:48 DROP TABLE emp1

3.CREATE TABLE stud(sname varchar(20) PRIMARY KEY, rollno int NOT NULL, dob date NOT NULL);

SELECT * FROM stud;

	sname	rollno	dob
*	NULL	NULL	NULL

4.Create table student (regno int, mark int(3) constraint b check (mark >=0 and mark <=100));
SELECT * from STUDENT;

	regno	mark
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5.CREATE TABLE cust(custid number(6) UNIQUE, name char(10));
select * from cust;

	custid	name
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