EXPERIMENT 3

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Batch: RMCA(B)
Date:08 /04/2022

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)

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;

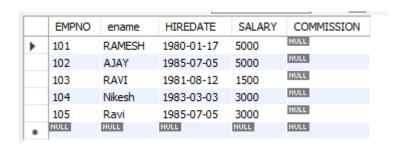
select * from emp;

	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	HULL
	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;



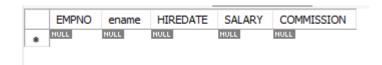
2d. RENAME table emp to emp1;

select * from emp;

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

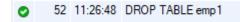
2e. TRUNCATE TABLE emp1;

select * from emp;



2f. DROP TABLE emp1;

select * from emp;



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

SELECT * FROM stud;



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



5.CREATE TABLE cust(custid number(6) UNIQUE, name char(10));

select * from cust;

