ADVANCED DATA BASE MAMAGEMENT SYSTEM LAB

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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
- 4.Create a table student as regno number (6), mark number (3) check constraint (mark \geq =0 and mark \leq =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

2. a. 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
	HULL	NULL	NULL	NULL	NULL	NULL

2. b. ALTER TABLE emp DROP COLUMN sal;

SELECT * FROM emp;

	EMPNO	ENAME	HIREDATE	SALARY	COMMISSION
_	101	RAMESH	1980-01-17	5000	NULL
•			2000 02 20		500
	102	AJAY	1985-07-05	5000	500 NULL
	103	RAVI	1981-08-12	1500	HOLE
	104	Nikesh	1983-03-03	3000	700
	105	Ravi	1985-07-05	3000	NULL
	NULL	NULL	NULL	NULL	NULL

2. c. 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	HULL	NULL	NULL

2. d. RENAME table emp to emp1;

SELECT * FROM emp;

▶ 10 10	1 RA	MESH 1	HIREDATE 1980-01-17	SALARY 5000	COMMISSION
,			500 01 17	3000	
10.		ΔΥ 1	1985-07-05	5000	500
10:			1981-08-12	1500	NULL
10			1983-03-03	3000	700
10	5 Ra	vi 1	1985-07-05	3000	NULL
NUL	L NUL	L N	ULL	NULL	NULL

2. e. TRUNCATE TABLE emp1;

SELECT * FROM emp;



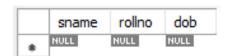
2. f. DROP TABLE emp1;

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;

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