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

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

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
NULL	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
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. 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	NULL	NULL	NULL

2. d. 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	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. e. TRUNCATE TABLE emp1;

SELECT * FROM emp;

EMPNO	ename	HIREDATE	SALARY	COMMISSION
NULL	NULL	NULL	NULL	NULL

2. f. DROP TABLE emp1;

SELECT * FROM emp;

	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

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

	custid	name