

**ADVANCED DBMS LAB****Name: Vismaya Mohan****Roll No: 54****Batch:MCA B****Date: 8 /04/2022****Experiment No:2****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

101	Ramesh	17-Jan 1980	5000	
102	Ajay	05-Jul 1985	5000	500
103	Ravi	12-Aug 1981	1500	
104	Nikesh	03-Mar 1983	3000	700
105	Ravi	05-jul 1985	3000	

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));

In table student add check constraint(length(regno<=4))

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

name char(10)

## PROCEDURE

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)

VALUES (101,'RAMESH','1980-01-17',5000),(102,'AJAY','1985-07-05',5000),

(103,'RAVI','1981-08-12',1500),(104,'Nikesh','1983-03-03',3000),

(105,'Ravi','1985-07-05',3000);

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

2.

a) ALTER TABLE emp ADD column sal int ;

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

b) ALTER TABLE emp DROP COLUMN sal;

	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

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

✓	34	12:25:51	ALTER TABLE emp MODIFY ename VARCHAR(15)	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0
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d) RENAME table emp to emp1;

✓	35	12:26:47	RENAME table emp to emp1	0 row(s) affected
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e) TRUNCATE TABLE emp1;

EMPNO	ename	HIREDATE	SALARY	COMMISSION
NULL	NULL	NULL	NULL	NULL

f) DROP TABLE emp1;

42 12:32:39 DROP TABLE emp1 0 row(s) affected

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 int UNIQUE, name char(10));

custid	name
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