ADVANCED DBMS LAB

Name: Vismaya Mohan

Roll No: 54

Batch:MCA B

Date: 8 /04/2022

Experiment No:2

<u>Aim</u>

To familiarize DDL CommandsALTER, DROP, TRUNCATE, RENAME

QUESTION

1. Create a table emp with attributes empno number(4)as primary key, enamechar(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

Amal Jyothi College of Engineering, Kanjirappally

- 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

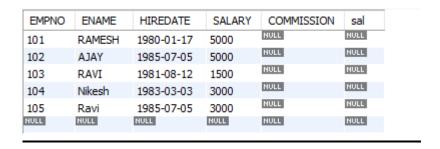
1. CREATE TABLE emp(EMPNO INT(4) PRIMARY KEY, ENAME CHAR(10), HIREDATE DATE, SALARY INT(5), COMMISSION INT(5));

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);



2.

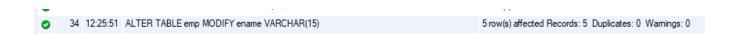
a) ALTER TABLE emp ADD column sal int;

	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);



d) RENAME table emp to emp1;

35 12:26:47 RENAME table emp to emp 1 0 row(s) affected

e) TRUNCATE TABLE emp1;



f) DROP TABLE emp1;



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));</p>
SELECT * from student;



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

