**Name: RESHMA K.S**

**Roll No:27**

**Batch:B**

**Date:08-04-2022**

**20MCA134 - ADVANCED DBMS LAB**

**Experiment No.: 1**

**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) 6. Refer the table “stud” in table “ student”

**Procedure**

**COMMANDS:**

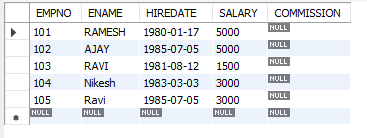
CREATE DATABASE EMP;

USE EMP;

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

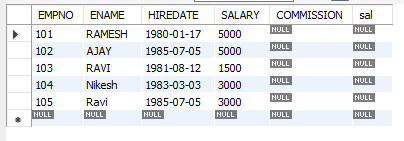
INSERT INTO emp(EMPNO,ENAME,HIREDATE,SALARY) VALUES (101,'RAMESH','1980-01-17',5000),(102,'AJAY','1985-07-05',5000), (103,'RAVI','1981-08-12',1500),(104,'Nikesh','1983-03-03',3000), (105,'Ravi','1985-07-05',3000);

1.SELECT \* FROM EMP;

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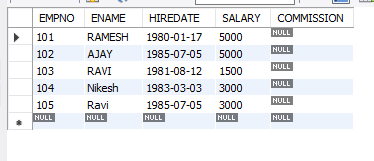
ALTER TABLE emp ADD sal int;

2 a.SELECT \* FROM EMP;



ALTER TABLE emp DROP COLUMN sal;

2 b.SELECT \* FROM EMP;



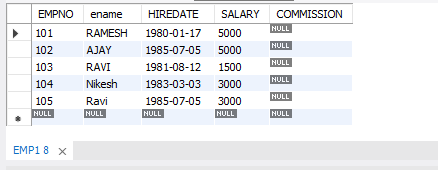
ALTER TABLE emp MODIFY ename VARCHAR(15);

2 c.SELECT \* FROM EMP;

C:\Users\Student\Pictures\EXP3\Capture1.PNG

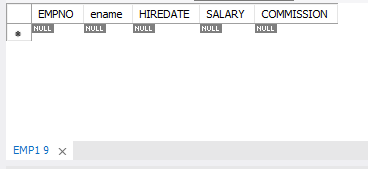
RENAME table emp to emp1;

2 d.SELECT \* FROM EMP1;



TRUNCATE TABLE emp1;

2 e.SELECT \* FROM EMP1;

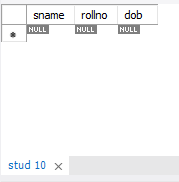


2 f. DROP TABLE emp1;



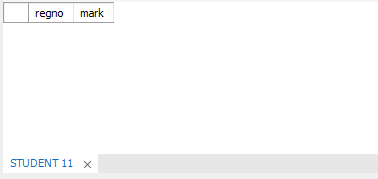
CREATE TABLE stud(sname varchar(20) PRIMARY KEY, rollno int NOT NULL, dob date NOT NULL);

3.SELECT \* FROM stud;



CREATE TABLE student (regno int, mark int(3) constraint b check (mark >=0 and mark <=100));

4.SELECT \* from STUDENT;



CREATE TABLE cust(custid INT UNIQUE, name char);

5.SELECT \* from cust;

