

**ADVANCED DATABASE MANAGEMENT SYSTEM LAB****Name: MAHIMA AMANOJ****Roll No: 15****Batch: MCA2021-23 B****Date:08-03-2022****Experiment No.: 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

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

### Create table emp:

```
CREATE TABLE EMP( EMPNO INT PRIMARY KEY , ENAME CHAR(10), HIREDATE DATE,  
SALARY INT, COMMISSION INT);
```

```
INSERT INTO EMP VALUES(101,'RAMESH','1980-01-17',5000,0);
```

```
INSERT INTO EMP VALUES(102,'AJAY','1985-07-05',5000,500);
```

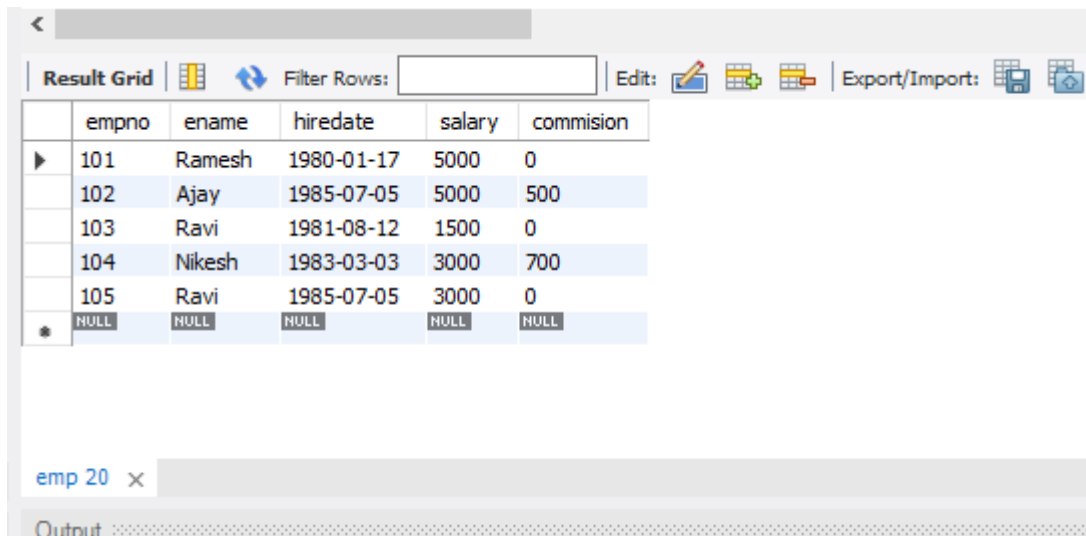
```
INSERT INTO EMP VALUES(103,'RAVI','1981-08-12',1500,0);
```

```
INSERT INTO EMP VALUES(104,'NIKESH','1983-03-03',3000,700);
```

```
INSERT INTO EMP VALUES(105,'RAVI','1985-07-05',3000,0);
```

## OUTPUT SCREENSHOTS

```
SELECT * FROM EMP;
```

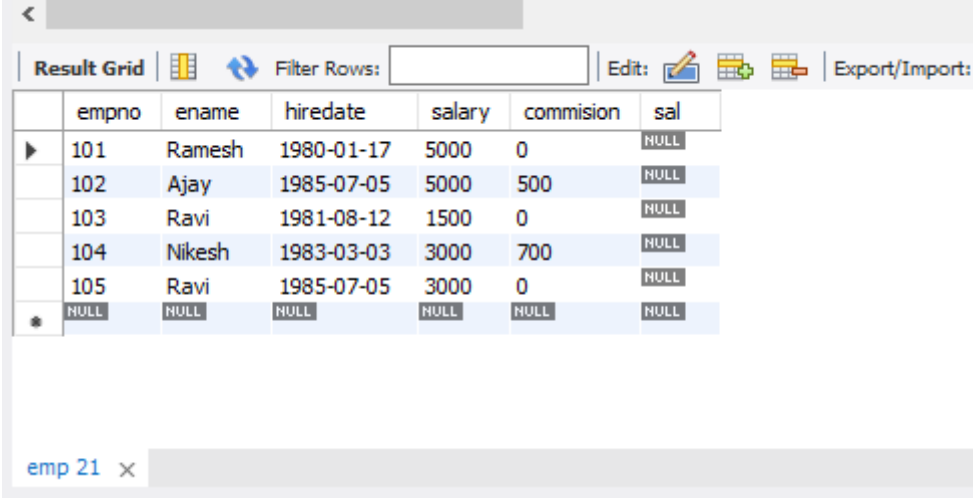


	empno	ename	hiredate	salary	commision
▶	101	Ramesh	1980-01-17	5000	0
	102	Ajay	1985-07-05	5000	500
	103	Ravi	1981-08-12	1500	0
	104	Nikesh	1983-03-03	3000	700
	105	Ravi	1985-07-05	3000	0
*	NULL	NULL	NULL	NULL	NULL

emp 20 ×

Output

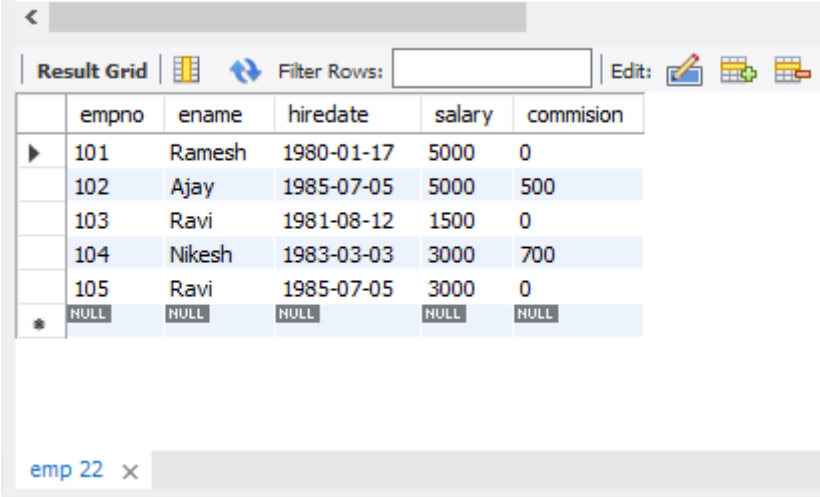
ALTER TABLE EMP ADD SAL INT;



	empno	ename	hiredate	salary	commision	sal
▶	101	Ramesh	1980-01-17	5000	0	NULL
	102	Ajay	1985-07-05	5000	500	NULL
	103	Ravi	1981-08-12	1500	0	NULL
	104	Nikesh	1983-03-03	3000	700	NULL
	105	Ravi	1985-07-05	3000	0	NULL
*	NULL	NULL	NULL	NULL	NULL	NULL

emp 21 x

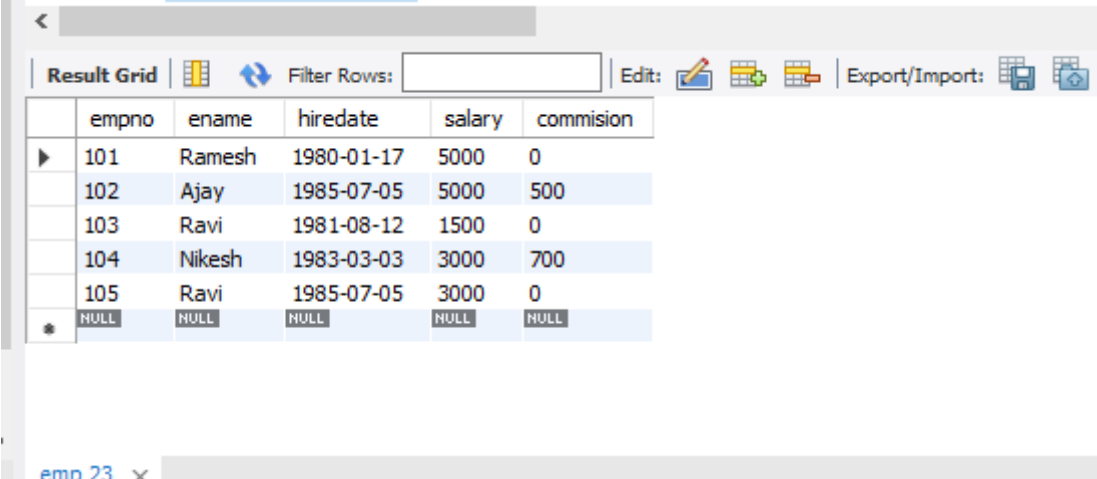
ALTER TABLE EMP DROP COLUMN SAL;



	empno	ename	hiredate	salary	commision
▶	101	Ramesh	1980-01-17	5000	0
	102	Ajay	1985-07-05	5000	500
	103	Ravi	1981-08-12	1500	0
	104	Nikesh	1983-03-03	3000	700
	105	Ravi	1985-07-05	3000	0
*	NULL	NULL	NULL	NULL	NULL

emp 22 x

ALTER TABLE EMP MODIFY ENAME VARCHAR(15);



	empno	ename	hiredate	salary	commision
▶	101	Ramesh	1980-01-17	5000	0
	102	Ajay	1985-07-05	5000	500
	103	Ravi	1981-08-12	1500	0
	104	Nikesh	1983-03-03	3000	700
	105	Ravi	1985-07-05	3000	0
*	NULL	NULL	NULL	NULL	NULL

emp 23 x

RENAME TABLE EMP TO EMP1;

	empno	ename	hiredate	salary	commision
▶	101	Ramesh	1980-01-17	5000	0
	102	Ajay	1985-07-05	5000	500
	103	Ravi	1981-08-12	1500	0
	104	Nikesh	1983-03-03	3000	700
	105	Ravi	1985-07-05	3000	0
*	NULL	NULL	NULL	NULL	NULL

emp1 24 x

TRUNCATE TABLE EMP1;

	empno	ename	hiredate	salary	commision
*	NULL	NULL	NULL	NULL	NULL

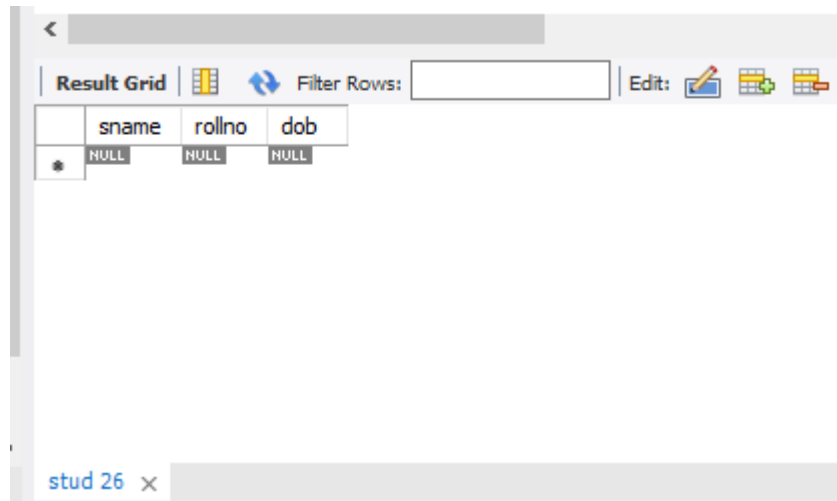
emp1 25 x

DROP TABLE EMP1;

✓	65	10:50:12	DROP TABLE emp1	0 row(s) affected	0.750 sec
✗	66	10:50:21	select * from emp1 LIMIT 0, 1000	Error Code: 1146. Table 'myacc.emp1' doesn't exist	0.000 sec

```
CREATE TABLE STUD(SNAME VARCHAR(20) PRIMARY KEY, ROLLNO INT NOT NULL, DOB DATE NOT NULL);
```

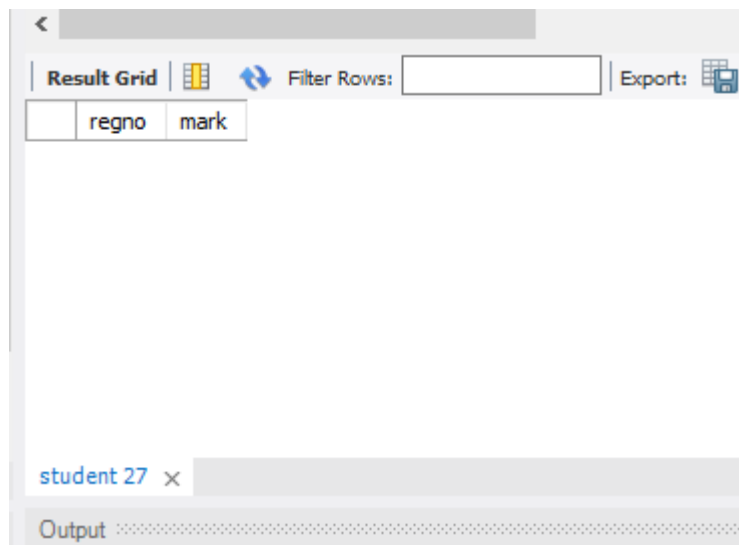
```
SELECT * FROM STUD;
```



	sname	rollno	dob
*	NULL	NULL	NULL

```
CREATE TABLE STUDENT (REGNO INT, MARK INT(3) CONSTRAINT B CHECK (MARK >=0 AND MARK <=100));
```

```
SELECT * FROM STUDENT;
```



	regno	mark
--	-------	------

```
CREATE TABLE CUST(CUSTID NUMBER(6) UNIQUE, NAME CHAR(10));
```



The image shows a screenshot of a database application's 'Result Grid'. The grid has two columns: 'custid' and 'Cname'. The 'custid' column is highlighted in yellow. There is a 'Filter' button with a blue double-headed arrow icon to the right of the grid. The grid is currently empty.

	custid	Cname
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