PRACTICAL EXAM-ANSWER SHEET

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Date: 04/12/2024 **Subject Code**: V20UDS203

Subject: Data Base System

Title: 5. Department Table

Aim:

To perform a series of database operations related to a Department table. These operations includes add a column, insert values in the table, list the records group by deptno, updating an record and deleting an data from the table.

Procedure:

1. Add a column Designation to the department Table :

Add a new column called designation to the Department Table.

2. Inserting values into the Department Table:

Insert values in the columns assigned to department table with include newly added designation column.

3. List the records grouped by Deptno:

Group the records of the department table by Deptno and need to return the result.

4. Update the record where Deptno is 9:

Update the record in the department table where the deotno is

5. Delete any column data:

Delete any one of the column from the department table.

Program:

9.

create table Department

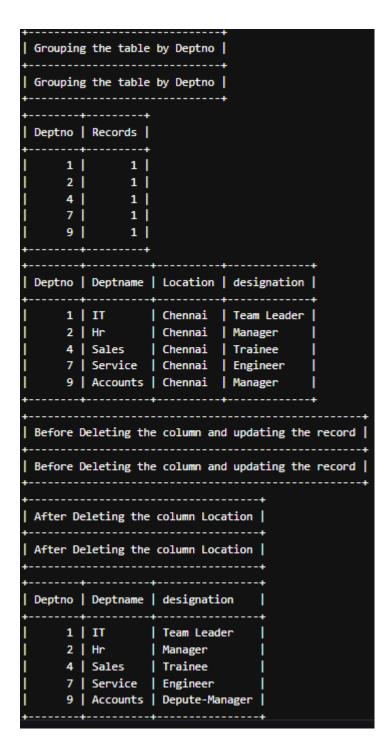
(Deptno int,

Deptname varchar(50),

Location varchar(50));

```
/*Adding an new column to the table*/
alter table Department add designation varchar(50);
/*inserting values in to the Department table */
insert into Department (Deptno, Deptname, Location, designation)
values (01, "IT", "Chennai", "Team Leader"),
(02, "Hr", "Chennai", "Manager"),
(04, "Sales", "Chennai", "Trainee"),
(07, "Service", "Chennai", "Engineer"),
(09, "Accounts", "Chennai", "Manager");
/*List the table department group by deptno */
select "Grouping the table by Deptno";
select Deptno, count(*) as Records from Department
group by Deptno;
/*Updating the record where Deptno number is 9 */
select * from Department;
update Department
set designation = "Depute-Manager"
where Deptno = 09;
select "Before Deleting the column and updating the record";
/*Deleting an column from the department table */
alter table Department drop column Location;
select "After Deleting the column Location";
select * from Department;
```

OutPut:



Result:

1. Adding column:

The designation column in to table is added successfully.

2. Inserting Records:

Five department records are added to the table successfully.

3. Grouped Records:

The records will be grouped by the deptno as per the give problem statement.

4. Updating record:

In department table deptno = 9 record designation has been updated.

5. Deleting column Data:

In department Table Location column data has been deleted successfully as per the problem statement.