



## Question - 2

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SEMESTER – 3<sup>RD</sup>  
SUB – DBMS LAB  
SEC -13 A  
DATE 13 SEPT 2021

### Ques : 2

Create department table with the following structure.

Name Type

Deptno Number

Deptname Varchar2(10)

location Varchar2(10)

a. Add column designation to the department table.

Table altered.

b. Insert values into the table



DEPTNO	DEPTNAME	LOCATION	DESIGNATION
1	electrical	chandigarh	student
3	cse	patiala	student
4	ca	delhi	student
9	mba	mumbai	student
7	civil	hydrabad	student

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5 rows selected.

c. List the records of dept table grouped by deptno.

DEPTNO
1
7
4
3
9

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5 rows selected.



d. Update the record where deptno is 9.

DEPTNO	DEPTNAME	LOCATION	DESIGNATION
1	electrical	chandigarh	student
3	cse	patiala	student
4	ca	delhi	student
9	mba	chennai	student
7	civil	hydrabad	student

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5 rows selected.

e. Delete any column data from the table.

DEPTNO	DEPTNAME	LOCATION	DESIGNATION
1	electrical	chandigarh	student
3	cse	patiala	student
4	ca	delhi	student
9	mba	chennai	student

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4 rows selected.



## *Program code :*

```
CREATE TABLE department  
(  
  deptno NUMBER,  
  deptname VARCHAR2(10),  
  location VARCHAR2(10)  
);
```

```
ALTER TABLE department  
ADD designation VARCHAR2(10);
```

```
INSERT INTO department  
VALUES(1,'electrical','chandigarh','student');  
INSERT INTO department  
VALUES(3,'cse','patiala','student');  
INSERT INTO department  
VALUES(4,'ca','delhi','student');  
INSERT INTO department  
VALUES(9,'mba','mumbai','student');  
INSERT INTO department  
VALUES(7,'civil','hydrabad','student');
```

```
SELECT *  
FROM department;
```

```
SELECT deptno  
FROM department  
GROUP BY deptno;
```

```
UPDATE department  
SET location = 'chennai'  
WHERE deptno = 9;
```

```
DELETE FROM department  
WHERE deptno = 7;
```