**Name: Atharva Salitri Division: CSAI B2**

**Roll No.: 37 PRN: 12310120**

**Subject: DBMS Lab Assignment 2**

**Title: DML Commands**

**Question:**

Create a table EMPLOYEE with following schema:

(Emp\_no, E\_name, E\_address, E\_ph\_no, Dept\_no, Dept\_name,Job\_id , Salary)

Write SQL queries for following question:

1. Insert aleast 5 rows in the table.

2. Display all the information of EMP table.

3. Display the record of each employee who works in department D10.

4. Update the city of Emp\_no-12 with current city as Nagpur.

5. Display the details of Employee who works in department MECH.

6. Delete the E\_ph\_no of employee John.

7. Display the complete record of employees working in SALES Department

**Code:**

CREATE TABLE EMPLOYEE (

Emp\_no INT PRIMARY KEY,

E\_name VARCHAR(50),

E\_address VARCHAR(100),

E\_ph\_no VARCHAR(15),

Dept\_no INT,

Dept\_name VARCHAR(50),

Job\_id VARCHAR(20),

Salary DECIMAL(10, 2)

);

**-- 1. Insert at least 5 rows into the table**

INSERT INTO EMPLOYEE (Emp\_no, E\_name, E\_address, E\_ph\_no, Dept\_no, Dept\_name, Job\_id, Salary) VALUES

(1, 'Atharva', 'NPune', '1234567890', 10, 'CSAI', 'Student', 5000),

(2, 'John', 'Los Angeles', '9876543211', 20, 'MECH', 'Engineer', 4000),

(3, 'Alice', 'Chicago', '9876543212', 30, 'HR', 'HR Manager', 3500),

(4, 'Bob', 'Houston', '9876543213', 10, 'SALES', 'Salesperson', 3000),

(5, 'Cathy', 'Dallas', '9876543214', 20, 'MECH', 'Technician', 2500);

**-- 2. Display all the information of EMPLOYEE table**

SELECT \* FROM EMPLOYEE;

**-- 3. Display the record of each employee who works in department D10**

SELECT \* FROM EMPLOYEE WHERE Dept\_no = 10;

**-- 4. Update the city of Emp\_no-12 with current city as Nagpur**

UPDATE EMPLOYEE SET E\_address = 'Nagpur' WHERE Emp\_no = 12;

SELECT \* FROM EMPLOYEE;

**-- 5. Display the details of Employee who works in department MECH**

SELECT \* FROM EMPLOYEE WHERE Dept\_name = 'MECH';

**-- 6. Delete the email\_id of employee John**

UPDATE EMPLOYEE SET E\_ph\_no = NULL WHERE E\_name = 'John';

**-- 7. Display the complete record of employees working in SALES Department**

SELECT \* FROM EMPLOYEE WHERE Dept\_name = 'SALES';

**OUTPUT:**











