**DBMS LAB 8**

1. Create table production\_details consisting attributes: emp\_id, f\_name, l\_name, job\_type, and

salary.

CREATE TABLE production\_details (

emp\_id INT,

f\_name VARCHAR(50),

l\_name VARCHAR(50),

job\_type VARCHAR(50),

salary DECIMAL(10, 2)

);

2. Populate the production\_details table with values from the employee table with details of the

employees who are working in the production department.

INSERT INTO production\_details (emp\_id, f\_name, l\_name, job\_type, salary)

SELECT emp\_id, f\_name, l\_name, job\_type, salary

FROM employee

WHERE dept = 'PRODUCTION';

1. Update Chitra's Job\_type to CEO in production\_details table.

UPDATE production\_details

SET job\_type = 'CEO'

WHERE emp\_id = 3;

4. Update employee 3's job and salary in production\_details table to match that of employee 4's

of employee table.

UPDATE production\_details pd

SET (job\_type, salary) = (

SELECT job\_type, salary

FROM employee e

WHERE e.emp\_id = 4

)

WHERE pd.emp\_id = 3;

5.Delete employee 5's details from production\_details.

DELETE FROM production\_details

WHERE emp\_id = 5;

6. Delete the employee's details in production\_details where the salary is greater than of

Dheeraj's salary in the employee table.

DELETE FROM production\_details pd

WHERE pd.salary > (SELECT MAX(salary) FROM employee WHERE f\_name = 'DHEERAJ');

7. Similar to question 1 and 2, Create and populate a different table for the Marketing

department (named marketing\_details) with attributes emp\_id, f\_name, job\_type and salary.

CREATE TABLE marketing\_details (

emp\_id INT,

f\_name VARCHAR(50),

job\_type VARCHAR(50),

salary DECIMAL(10, 2)

);

INSERT INTO marketing\_details (emp\_id, f\_name, job\_type, salary)

SELECT emp\_id, f\_name, job\_type, salary

FROM employee

WHERE dept = 'MARKETING';

1. Update table marketing\_details and Make Barun 'CEO' of the company.

UPDATE marketing\_details

SET job\_type = 'CEO'

WHERE f\_name = 'BARUN';

9. Increase the salary of the employees by 50% who are working as salesman in the

marketing\_details table.

UPDATE marketing\_details

SET salary = salary \* 1.5

WHERE job\_type = 'SALESMAN';

10.Update the employee table using the marketing\_details table. (using merge statement).

MERGE INTO employee e

USING marketing\_details md

ON (e.emp\_id = md.emp\_id)

WHEN MATCHED THEN

UPDATE SET e.job\_type = md.job\_type, e.salary = md.salary;

1. Show the data from production\_details.

SELECT \* FROM production\_details;

1. Commit the database.

COMMIT;

1. Delete a tuple from production\_details where emp\_id=1.

DELETE FROM production\_details

WHERE emp\_id = 1;

1. Show the data from production\_details.

SELECT \* FROM production\_details;

1. Rollback the database to the previous saved state.

ROLLBACK;

1. Show the data from production\_details.

SELECT \* FROM production\_details;

1. Create a savepoint (named abc).

SAVEPOINT abc;

1. Delete a tuple from production\_details where emp\_id=1.

DELETE FROM production\_details

WHERE emp\_id = 1;

1. Show the data from production\_details.

SELECT \* FROM production\_details;

1. Rollback the database to abc.

ROLLBACK TO abc;

1. Show the data from production\_details.

SELECT \* FROM production\_details;