

DBMS LAB ASSIG 8

• Name :HITU RAJ

• Roll no. :2005025

• Branch :CSE

-- 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 INT);

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

VALUES (1,'arun','khan','manager',90000);

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

VALUES (3,'chitra','kapoor','engineer',60000);

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

VALUES (5,'emma','dutt','engineer',55000);

-- 2. Populate the production\_details table with values

-- from the employee table with details of the

-- employees who are working in the production

-- department.

-- 3.

-- Update Chitra&#39;s Job\_type to CEO in

-- production\_details table.

UPDATE PRODUCTION\_DETAILS SET JOB\_TYPE='CEO' WHERE

F\_NAME='CHITRA';

SELECT \* FROM PRODUCTION\_DETAILS;

-- 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 SET SALARY=(SELECT SALARY FROM

EMPLOYEE WHERE EMP\_ID=1) WHERE EMP\_ID=3;

SELECT \* FROM PRODUCTION\_DETAILS

-- 5. Delete employee 5's details from

-- production\_details.

DELETE FROM PRODUCTION\_DETAILS WHERE EMP\_ID=5;

SELECT \* FROM PRODUCTION\_DETAILS;

-- 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 WHERE EMP\_ID=1;

SELECT \* FROM PRODUCTION\_DETAILS;

-- 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 INT);

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

VALUES (1,'arun','manager',90000);

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

VALUES (2,'barun','manager',80000);

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

VALUES (3,'chitra','engineer',60000);

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

VALUES (4,'dhirag','manager',75000);

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

VALUES (5,'emma','engineer',55000);

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

VALUES (6,'floki','accountant',70000);

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

VALUES (7,'dheeraj','clerk',40000);

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

VALUES (8,'saul','engineer',60000);

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

VALUES (9,'mou','clerk',30000);

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

VALUES (10,'sunny','salesman',20000);

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

VALUES (11,'bobby','engineer',35000);

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

VALUES (12,'amir','salesman',15000);

UPDATE MARKETING\_DETAILS SET JOB\_TYPE='CEO' WHERE

F\_NAME='barun';

SELECT \* FROM MARKETING\_DETAILS;

-- 8. Update table marketing\_details and Make Barun

-- CE0 of the company.

UPDATE MARKETING\_DETAILS SET JOB\_TYPE='CEO' WHERE

F\_NAME='BARUN';

SELECT \* FROM MARKETING\_DETAILS;

-- 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 + (SALARY/2)

WHERE JOB\_TYPE='SALESMAN';

SELECT \* FROM MARKETING\_DETAILS;

-- 10. Update the employee table using the

-- marketing\_details table. (using merge statement)

INSERT IGNORE INTO EMPLOYEE SELECT \* FROM MARKETING\_DETAILS;

-- 11. Show the data from production\_details.

-- SELECT \* FROM PRODUCTION\_DETAILS;

-- 12. Commit the database.

COMMIT;

-- 13. Delete a tuple from production\_details where

-- emp\_id=1.

DELETE FROM PRODUCTION\_DETAILS WHERE EMP\_ID=1;

-- 14. Show the data from production\_details.

SELECT \* FROM PRODUCTION\_DETAILS;

-- 15. Rollback the database to the previous saved

-- state.

ROLLBACK;

-- 16. Show the data from production\_details.

-- 17. Create a savepoint (named abc).

SAVEPOINT abc;

-- 18.

--  Delete a tuple from production\_details where

-- emp\_id=1.

DELETE FROM PRODUCTION\_DETAILS WHERE EMP\_ID=1;

-- 19.

--  Show the data from production\_details.

SELECT \* FROM PRODUCTION\_DETAILS;

-- 20. Rollback the database to abc.

ROLLBACK TO SAVEPOINT abc;

-- 21.

--  Show the data from production\_details.

SELECT \* FROM PRODUCTION\_DETAILS;

1

OUTPUTS:-











