FACULTY OF COMPUTING & INFORMATION TECHNOLOGY

UNIVERSITY OF THE PUNJAB

Database Systems: Lab 09

BS-DS Fall-22 (Afternoon)   Date: 15-04-2024

• **Syntax for INSERT: -**
INSERT INTO emp (empno, ename, salary) VALUES (255, "JONES", 50000)
• **Syntax for UPDATE: -**
UPDATE emp SET empno = 15, salary = 25000 WHERE id = 99
• **Syntax for DELETE: -**
DELETE FROM emp WHERE id = 17

Solve given query questions using these tables: -
      EMPLOYEE (NO, NAME, JOB, MGR, HIREDATE, SAL, COMM, DEPTNO)
      DEPARTMENT (DEPTNO, DNAME, LOC)
      SALGRADE (GRADE, LOSAL, HISAL)
      Worker(worker_ID, First_Name, Last_Name, Sal, Joining_Date, department)
      Bonus(worker_ID, bonus_date, bonus_Amount)
      Title(worker_ID, affected_from, worker_title)

Question 1.   Write a query that deletes id number 30 in Bonus table.

Question 2. Write a query that inserts a record in Salgrade table. *(DUMMY RECORD)*

Question 3. Write a query that updates a record in Employee table which has id 22.
          (DUMMY RECORD)

Question 4. Write the output of these queries **in table form**.
          employess(employee_number, last_name, first_name, salary, dept_id)

```
INSERT INTO employees (employee_number, last_name, first_name, salary,
dept_id) VALUES (1003, 'Everest', 'Brad', 71000, 501);
INSERT INTO employees (employee_number, last_name, first_name, salary,
dept_id) VALUES (1004, 'Horvath', 'Jack', 42000, 502);
INSERT INTO employees (last_name, first_name, salary, dept_id) VALUES
('Anderson', 'Jane', 57500, 503);
INSERT INTO employees (employee_number, last_name, first_name, salary,
dept_id) VALUES (1005, 'Johnson', 'Sally', 58000, 505);
```

Question 5. Write a query that updates all attributes of above table whose dept_id is 503.

Question 6. Write a query that updates last_name into Jones which employee_number is 1004.

Question 7. Write a query that updates salary to 1 lac which employee_number is 1002.

Question 8. Write a query that updates first_name into your_name whose last_name is Anderson.

Question 9. Make changes of questions 5 to 8 from table which creates in question 4
by making a new table.

Question 10. Write a query that deletes a record from employees table whose dept_id is 500.

Question 11. Write a query that deletes a record from employees table whose employee_number is
1004.

Question 12. Make changes of questions 10 and 11 from table which createsin question 9 by making a
new table.

Question 13. Write a query that inserts a record in Dept table.

Question 14. Write a query that deletes a record in Title table whose id number is 11.

Question 15. Write a query that updates a record in Worker table whose id number is 120.

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