

DBMS LABORATORY ASSIGNMENT # 4

1. Change salary of employee 130 to salary of the employee with first name 'joe'. If 'joe' is not found then take average salary of all employees. If more than one employee with first name 'joe' is found, then take the least salary of them and set the salary of employee 130.
2. Display 5th and 10th employee information using cursor.
3. Update salary of an employee based on Dept_id and commission percentage.

<u>Dept_id</u>	<u>Increase</u>
40	10%
70	15%

If commission > .3 then increase is 5%; otherwise, increase is 10%.

Note: No hikes twice.

4. Create a function that takes Dept_id and returns name of the manager.
5. Create a procedure that takes the Dept_id and change the manager_id of the dept to employee in the dept with highest salary.
6. Create a trigger to ensure salary of the employees is not decreased.
7. Write a trigger to check whether the salary of an employee to be inserted in employee table doesn't violate the min-max salary constraint of the corresponding job ID. If it violates the constraint raise an exception with some message.
8. List the name and salary of employees of the department 20 who are leading a project that started before December 31, 1990.
9. Write a cursor to show the job title and name of those employees who have been hired after a given date (supplied by user), and who have a manager working in a given department (supplied by user).
10. Write a PL/SQL program to perform the following modifications: All employees having 'KING' as their managers get a 5% salary increase. Write a trigger to check their salary doesn't violate the salary boundary of JOB TYPE and accordingly raise exception with message "Too High salary."
11. Write a trigger for the following:
 - (1) If dept number or job type of any employee gets updated in the EMPLOYEES table then insert <EMPNO, :old.jobtype, :new.jobtype, :old.deptno, :new.deptno, change_date, user, type of change> of those employees in a newly created table EMPLOYMENT_CHANGE() with required fields. Also incorporate the date of update and user who has modified the record in the EMPLOYMENT_CHANGE table
 - (2) If an employee record is deleted (resigns the organization), insert (empno, ename, deptno, release date) in a newly created table EXEMPLOYEE() with required fields.
12. Write a PL/SQL procedure to increase the salary of all employees who work in the department given by the procedure's parameter. Use a cursor for update.

