

DBMS Assignment # 3

Consider the given HR database in Oracle and write SQL/PL-SQL programs for the following queries.

1. Display the EMPNAME as FIRSTNAME || LASTNAME, MONTHLY PAY as SALARY, ANNUAL PAY, DNAME for each employees in descending order of salary
2. Display the EMPNAME as FIRSTNAME || LASTNAME, MONTHLY PAY as SALARY, ANNUAL PAY, DNAME for each employees in descending order of salary including commission percentage
3. Display the EMPNAME as FIRSTNAME || LASTNAME, EXPERIENCE (IN YEARS) for each employees in descending order of EXPERIENCES
[Hint: EXTRACT (YEARS FROM SYSDATE) gives year]
4. Display OLD-SALARY, NEW-SALARY of employees after updating the salary of each employee in deptno 90 by 10%
5. Display deptno, deptname and Total_salary of those departments which spend >100000 for salary
6. Create a view showing maximum and minimum salary earners name for each job ID
Insert an employee record with higher salaries and check the consistency of the view
7. Create a view containing employee ID, Deptname, city and country of each employees
8. Display deptid, year and no of employees joined in every year
9. Select those employees who joined before their manager.
10. Select country name, city and no of dependents where department has more than 5 employees.
11. Display name and salary of the manager who has a team size>5.
12. Write a pl/sql code to update the salary of a given employee no on the following condition.

<u>Experience of the employee</u>	<u>increase in salary</u>
More than 10 years-----	20%
More than 5 years-----	10%
Otherwise-----	5%
13. Display the year in which max no of employee have joined
14. Retrieve all employees who are working in department 10 and who earn at least as much as any (i.e., at least one) employee working in department 30
15. List the name of the N/2 least salary earners name. (without sorting)
16. Create a view contains the name, job title, commission percent and the annual salary of employees working in the department 20. Increase the salary of the employees by 10% through EMPLOYEES table and observe the details from the view. Update the commission percent of job type CLERK with increase in 10%. Observe the change in annual salary through view.

