Database Management Systems

Lab Cycle-III (PL/SQL-Cursors, Functions, Procedures, Triggers and Packages)

CURSORS:

1. Write the PL/SQL script to display the employee_name, job, salary and department_number from the employee table.
2. Write a PL/SQL script to increase the salary as per following criteria:

SALARY AMT	INCREMENTED BY
<=1200	8%
<=2500	12%
<=4500	15%
OTHERWISE	20%

3. Write the PL/SQL script to display the employee_name, job, salary of particular department that is input by user using parameter.
4. Write a PL/SQL script to display the name, salary and bonus (salary * .12) for each employee using cursor for loop.

PROCEDURE

5. Write a PL/SQL procedure called Multi_table that take two numbers as parameter and display the product of first number till second number;
6. Write a PL/SQL procedure that take the department_number as parameter and display the name and salary of employees working in that department and return the sum of salary of such employees using out parameter.
7. Write a procedure raise_sal, which increases the salary of an employee. It accepts employee's number and salary increment amount.

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FUNCTION:

8. Write a PL/SQL function power that takes two numbers as arguments and returns the value of the first number raised to the power of the second.

TRIGGERS:

9. Write a set of triggers to maintain the employee_name and department_name fields redundantly in the employee-department relation, so that you donot have to join the employee and department tables just to get a simple department listing.
10. Write a trigger that verifies the joining date when a new row is inserted in the Employee table. Joining date should be greater or equal to current date.
11. Write a trigger that is fired before any row is inserted in the Employee table.