LAB Tasks

1. Create a PL/SQL block that computes and prints the bonus amount for a given employee based on the employee's salary. Accept the employee number as user input with a SQL*Plus substitution Variable.
    a. If the employee's salary is less than 1,000, set the bonus amount for the Employee to 10% of the salary.
    b. If the employee's salary is between 1,000 and 1,500, set the bonus amount for the employee to 15% of the salary.
    c. If the employee's salary exceeds 1,500, set the bonus amount for the employee to 20% of the salary.
    d. If the employee's salary is NULL, set the bonus amount for the employee to 0.
2. Write a pl/sql block in sql that ask a user for employee id than it checks its commission if commission is null than it updates salary of that employee by adding commission into salary.
3. Write a PL/SQL block to obtain the department name of the employee who works for deptno 30
4. Write a PL /SQL block to find the nature of job of the employee whose deptno is 20(to be passed as an argument)
5. Write a PL /SQL block to find the salary of the employee who is working in the deptno 20(to be passed as an argument).
6. Write a PL/SQL block to update the salary of the employee with a 10% increase whose empno is to be passed as an argument for the procedure
7. Write a procedure to add an amount of Rs.1000 for the employees whose salaries is greater than 5000 and who belongs to the deptno passed as an argument.
8. Create views for following purposes: -
    a. Display each designation and number of employees with that particular designation.
    b. The organization wants to display only the details like empno, empname , deptno , deptname of all the employee except king.
    c. The organization wants to display only the details empno, empname, deptno, deptname of the employees.
9. Write a PL/SQL code that takes two inputs from user, add them and store the sum in new variable and show the output.
10. Write a PL/SQL code that takes two inputs, lower boundary and upper boundary, then print the sum of all the numbers between the boundaries INCLUSIVE.
11. Write a PL/SQL code to retrieve the employee name, hiredate, and the department name in which he works, whose number is input by the user.
12. Write a PL/SQL code to check whether the given number is palindrome or not.
13. Write a PL/SQL code that takes all the required inputs from the user for the Employee table and then insert it into the Employee and Department table in the database.
14. Write a PL/SQL code to find the first employee who has a salary over $2500 and is higher in the chain of command than employee 90. Note: For chain, use of LOOP is necessary.
15. Write a PL/SQL code to print the sum of first 100 numbers.