Database Management Systems
Lab Cycle-III (PL/SQL Basic Concepts)

1. Write a PL/SQL program to input two numbers and display the total and average of these numbers.

2. Write a PL/SQL block to accept a year and check whether it is a leap year or not?

3. Write a program to input the salary and working experience of employee and calculate the bonus as 10% of salary. Give $500. Extra bonus to those who's working experience More than 10 years.

4. Write a PL/SQL program to input the Basic Salary and calculate the HRA, DA and Net Salary as per:

BASIC	HRA	DA
>15000	12%	8%
>12000	10%	6%
>9000	7%	4%
OTHERS	5%	$200

5. Program to input principal amount, time. If time more than 10 years, calculate the simple interest with 8% interest otherwise with 6%.

SELECT, INSERT AND DELETE:

6. Write the Code to input the employee's number and print the name and salary of that employee.

7. Write a PL/SQL block to print the highest paid and lowest paid employee from employee table.

8. Write the PL/SQL code to input the employee's number and increase the salary by 10% if his salary < 5000 otherwise delete the record.

9. Write a PL/SQL block to delete all the rows of a particular department from the table employee where deptno is accepted from the user.

10. Write PL/SQL code to insert the record in department table.

EXCEPTIONS:

11. Write PL/SQL script to input salary amount and display the Employee Name earning same salary amount. Use NO_DATA_FOUND and TOO_MANY ROWS Exception.

12. Write PL/SQL script that traps ZERO_DIVIDE exception when a number is divided by other number. And also raised user define exception if number2 greater than number1.