EXPERIMENT-8

Aim: To understand the concepts of Sequence, PL/SQL programming, and function and procedure in PL/SQL.

Objective I: Students will be able to implement the concept of sequence.

1) Create a sequence by name EMPID_SEQ starting with value 100 with an interval of 1.
2) Write a SQL command for finding the current and the next status of EMPID_SEQ.
3) Change the Cache value of the sequence EMPID_SEQ to 20 and maxvalue to 1000. Insert values in employees table using sequences for employee_id column.
4) Drop sequence EMPID_SEQ.
5) Create a sequence called REVERSE to generate numbers in the descending order from 10000 to 1000 with a decrement of 5.

Objective II: Students will be able to implement the basic concepts of Pl/SQL.

1) Write a PL/SQL code to accept the value of A, B & C display which is greater.
2) Using PL/SQL Statements create a simple loop that displays message “Welcome to PL/SQL Programming” 20 times.
3) Write a PL/SQL code block to find the factorial of a number.
4) Write a PL/SQL program to generate Fibonacci series.
5) Write a PL/SQL code to find the sum of first N numbers.
6) Implement above 1-5 using functions and procedures.