

DATABASE MANAGEMENT SYSTEM LAB

LIST OF EXPERIMENTS

1. Implementation of DDL Commands
2. Implementation of DML Commands
3. Implementation of Integrity Constraints
4. Sample data: Consider the bank database, where the primary keys are underlined.
Construct the following SQL queries for this relational database.

Branch (branch name, branch city, assets) customer (ID, customer name, customer street, customer city) loan(loan number, branch name, amount) borrower (ID, loan number) account (account number, branch name, balance) depositor(ID, account number)
5. Implementation of different Nested Queries
6. Implementation of Aggregate Functions
7. Implementation of DCL and TCL Commands
8. Write a PL/SQL program to find the factorial of a given integer and store the integer with its factorial in a table.
9. Write a PL/SQL program to display the reverse of given number.
10. Implementation of String functions using PL/SQL
11. Write a PL/SQL program to accept the customer id from the user and display the corresponding customer name and address from customer table. Raise user defined exception "invalid- id" when customer id is ≤ 0 and catch built in exceptions "no data found" and display suitable messages for each exception.
12. Write a PL/SQL program that uses a cursor to select the five highest paid employees from the EMP table.
13. Write a code in PL/SQL to create a trigger that prevents updates on a certain column during specific hours of the day.