**Bank Management System - Overview Report**

**Database Structure**

You've created a comprehensive bank management system with the following tables:

* customers (50 records)
* accounts (50 records)
* transactions (50 records)
* loan (50 records)
* branch (10 records)
* employee (23 records)

**Key Features Implemented**

**Stored Procedures**

1. **Cust\_account\_balance**: Retrieves account details for a specific customer
   * Usage: call Cust\_account\_balance(10)
2. **Apply\_Interest\_rate**: Applies interest to savings accounts
   * Usage: call Apply\_Interest\_rate(6.25)
3. **EMI\_calculator**: Calculates monthly EMI for a loan
   * Usage: call EMI\_calculator('L1040')
4. **Daliy\_trans**: Provides daily transaction summary
   * Usage: call Daliy\_trans('2020-10-26')
5. **Customer\_search**: Searches customers by name or phone
   * Usage: call Customer\_search("Brian Wright")
6. **branch\_report**: Generates branch performance report
   * Usage: call branch\_report()

**Data Volume**

* **Customers**: 50 records with complete personal information
* **Accounts**: 50 accounts (mix of Savings, Current, and Loan types)
* **Transactions**: 50 transaction records
* **Loans**: 50 active loans with varying amounts and interest rates
* **Branches**: 10 branches across Tamil Nadu
* **Employees**: 23 employees assigned to branches

**System Capabilities**

* Customer account management
* Transaction processing
* Loan management
* Branch operations tracking
* Employee management
* Financial reporting

**Sample Data Highlights**

* Largest account balance: ₹85,000 (Account No. 10050)
* Highest loan amount: ₹80,000 (Loan ID L1050)
* Oldest account opened: 2020-01-15 (Account No. 10001)
* Most recent account opened: 2024-02-07 (Account No. 10050)

This system provides a complete solution for managing all core banking operations with proper relational integrity through foreign key constraints.