

Assignment-4

Consider a BANK database. Each bank can have multiple branches, and each branch can have multiple accounts and loans. Assumptions also can be made. Design an ER diagram and database schema for the system. Specify the primary key, foreign key and other constraints for all required tables. Draw the ER diagram in MS Word.

1. Insert at least five tuples in each table.
2. Every customer must have at least one account but is restricted to at most two loans at a time.
3. Give all the account details of a person who has accounts in SBI.
4. Find the account holder name who has more than 2 accounts.
5. Rename the accounts table as account details.
6. Find the loan amount and loan taken from which bank for each account holder.
7. Find the account no. and account holder name who has not taken any loan.
8. Delete the account of all the persons who had accounts in PNB, Sealdah branch.
9. Update the branch to SBI, Salt Lake branch for all the persons who had a SBI account in Sealdah branch.
10. Find the maximum account balance of a person with account no 54321987654 among all of his accounts.