Following details are available for a bank.

Account Number, balance

Customer details : Customer id, Customer name, street, city, loan amount and deposit amount

Branch details : Branch name, Branch City, Assets

You are required to model it for mongoDB.

Populate the collection(s) with atleast sample documents.

Use mongoDB queries for the following.

* Choose appropriate primary key(s)
* Create index on primary key(s)
* The names and cities of all borrowers.
* The names of borrowers who live in Chennai.
* Find the name, city, and assets of the branch with the largest assets.
* The names and cities of customers who have a loan at Pune branch.
* Find the number of accounts with balances between 700 and 900.
* The names of customers with both accounts and loans at Pune branch.
* The customers whose total loans are greater than the total amount in their bank accounts
* The names of customers living on streets with names ending in "Hill".
* The names of customers with an account but not a loan at Pune branch.
* The names of branches whose assets are greater than the assets of all branches in Hyderabad.
* The branch with the largest average balance.
* The branch name and number of customers for each branch
* Deposit an additional Rs. 20,000 to Ram’s bank account.

Note:

Maintain all your following works in a notepad file that need to be submitted at the end of evaluation.

1. All your input documents
2. Each query/database method used
3. Output of each query/database method