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.

1. Choose appropriate primary key(s)
2. Create index on primary key(s)
3. The names and cities of all borrowers.
4. The names of borrowers who live in Chennai.
5. Find the name, city, and assets of the branch with the largest assets.
6. The names and cities of customers who have a loan at Pune branch.
7. Find the number of accounts with balances between 700 and 900.
8. The names of customers with both accounts and loans at Pune branch.
9. The customers whose total loans are greater than the total amount in their bank accounts
10. The names of customers living on streets with names ending in "Hill".
11. The names of customers with an deposit and loan at Pune branch.
12. The names of branches whose assets are greater than the assets of all branches in Hyderabad.
13. The branch with the largest average balance.
14. The branch name and number of customers for each branch
15. 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

Assets = total amount in branch