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## Homework 4

You will use the Bank database that has been explained in the lab video. You will find the data of the bank database from "**Lab Sheet 4**" given in bux.

Using the bank database, write MySQL queries for the following tasks:

1. Find the name and loan number of all customers having a loan at the Downtown branch.
2. Find the names of branches whose assets are greater than the assets of some branch in Horseneck.
3. Find the number of depositors for each branch (your results should show branches with no deposits as 0).
4. Find all the possible pairs of customers who are from the same city. show in the format Customer1, Customer2, City
5. If the bank gives out 4% interest to all accounts, show the total interest across each branch. Print Branch\_name, Total\_Interest
6. Find account numbers with the highest balances for each city in the database
7. Find the names of branches whose assets are less than the assets of all branches in Brooklyn.
8. Show the loan number, loan amount, and name of customers who have the top 5 highest loan amounts. The data should be sorted by increasing amounts, then decreasing loan

numbers in case of the same loan amount. [Hint for top 5 check the "limit" keyword in mysql]

9. Find the names of customers with an account and also a loan at the Perryridge branch.
10. Find the total loan amount of all customers having at least 2 loans from the bank.

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**Use the following google form to submit the answers to these 10 tasks.**

**[Link to google form to submit](#)**

You will submit only the query in the google form.

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