

## SQL Lab 2

Consider the banking schema below:

**branch** (branch\_name, branch\_city, assets)  
**customer** (customer\_name, customer\_street, customer\_city)  
**account** (account\_number, branch\_name, balance)  
**loan** (loan\_number, branch\_name, amount)  
**depositor** (customer\_name, account\_number)  
**borrower** (customer\_name, loan\_number)

Write and execute the following queries in SQL:

1. Find all customers who have both an account and a loan at the bank.
2. Find the names of customers with accounts at a branch where Hayes has an account.
3. Find the names of customers with an account but not a loan at Perryridge branch.
4. Find all branches that have greater assets than some branch located in Brooklyn.
5. Find the name and average balance for customers who live in Harrison and have at least 2 accounts.

### **Submission Instructions:**

For each problem, include both your SQL code and running result in your submission. You can either take a screenshot or copy/paste the SQL code with results into a text file or Word document. Submit your solutions through the assignment link on Blackboard.