

SQL Lab 1

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 the names of customers who live in cities with names ending in “on”.
2. Find the names and cities of customers who have an account at “Downtown” branch.
3. Print in descending order the names of customers who have a loan amount between 1000 and 2000.
4. Find the names of branches with average branch balance above 700.
5. Find all customers who have a loan, an account, or both.
6. Find the average account balance at the “Perryridge” branch.
7. Find the number of depositors for each branch.

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.