

## CSCE4350 Sample SQL Query Questions on Banking Enterprise Database

### Part A

1. find the table names of all existing tables created by users
2. find the schema of the branch table
3. direct the output of a query to a file named queryResult.lst
4. Save the contents of the SQL buffer (previous SQL statement) into a file with name mySQLFile.sql
5. Run the SQL\*Plus statements in the file mySQLFile.sql
6. Quit Oracle
7. set output line width to 500 characters
8. set pagesize to 10 lines
  
9. List the branch names of branches what have a loan

### Part B

1. List all loans
  
2. Find loan number, branch name, and the loan amount multiplied by 100 of each loan
  
3. Find all loan number for loans made at the Perryridge branch with loan amounts greater than \$1200.
  
4. Find the loan number of those loans with loan amounts between \$90,000 and \$100,000
  
5. Find the name, loan number and loan amount of all customers having a loan at the Perryridge branch.
  
6. Find the names of all branches that have greater assets than some branch located in Brooklyn.
  
7. Find the names of all customers whose street includes the substring Main.
  
8. List in alphabetic order the names of all customers having a loan in Perryridge branch

9. Find all customers who have a loan, an account, or both:
10. Find all customers who have both a loan and an account.
11. Find all customers who have an account but no loan.
12. Find the average account balance at the Perryridge branch.
13. Find the number of tuples in the customer relation.
14. Find the number of depositors in the bank.
15. Find the number of depositors for each branch.
16. Find the names of all branches where the average account balance is more than \$500.
17. Find all loan number which appears in the loan relation with null values for amount.
18. Find all customers who have both an account and a loan at the bank.
19. Find all customers who have a loan at the bank but do not have an account at the bank
20. Find the names of all branches that have greater assets than all branches located in Brooklyn.
21. Find all customers who have an account at all branches located in Brooklyn.
22. Find all customers who have at most one account at the Perryridge branch.