This is similar with the Lab 09. However, instead of using sqlplus, you need build all queries in the Java program.

I have a sample Java program using JDBC in github repository. You can download from https://github.com/sunnylin2/CSE572/tree/master.

If you are executing the java class on orafarm.cse.csusb.edu, you need following information for your database connection:

Host: orafarm.cse.csusb.edu
Port: 1522
Oracle SID: orcl

Before doing the exercises below make sure that you are familiar with EMPLOYEES, DEPARTMENTS, LOCATIONS, JOB_GRADES by doing a DESCRIBE on each table and SELECT *.

1. Create a unique listing of all jobs that in department 80. Include the location of the department in the output.

2. Create a query to display the employee's last name, department name, location ID and city of all employees who earn a commission.

3. Write a query that displays the last name, job, department number and department name for all employees who work in Toronto.

4. Create a query to display the employee's last name and employee number along with his/her manager's last name and manager number. Label the columns Employee, Emp#, Manager and Mgr#, respectively.

5. Display the names and hire dates for all employees who were hired before their managers, along with their manager's names and hire dates. Label the columns Employee, Emp Hired, Manager, and Mgr Hired, respectively.

6. Submit your .java file of this lab by March 21 (Thursday) by 6:00 PM.