CS 377 Lab 1: SQL*Plus - Creating & Querying Database

Due: 11:59PM 09/23/2011

Please complete the following steps:

1. Login SQL*Plus and alter your password
2. Create tables for the company database using ‘create table’ (write down the command that you run in ~/cs377/labs/lab1/lab1.txt)
3. Load the data into the company database using ‘sqlldr’ (write down the command that you run in ~/cs377/labs/lab1/lab1.txt)
4. Query the company database for the following three questions (copy and paste the queries and results to ~/cs377/labs/lab1/lab1.txt):
   - Find the name of the department in which "John Smith" works.
   - Find names of departments with employees working on some project controlled by the "Research" department
   - Find first & last names of employees who work at least 20 hours on the "ProductX" project

NOTE:

- To get started, consult the tutorial: http://www.mathcs.emory.edu/~cs377000/share/slides/08_SQL_oracle_tutorial
- Due to the time constraint, data and scripts are given here: ~/cs377000/share/sql/company/, please copy them over to your lab directory: ~/cs377/labs/lab1 using ‘cp’ command