CS 260, Fall 2019, Dr. Paul Wagner
Lab Test (Individual) – Friday October 25th, 2019, in lab

BASIC ASSIGNMENT WORK:

1. Download the following files from email (to be sent at the beginning of your lab session) to somewhere on your H: drive:
    a. BankingScript.sql - Banking tables SQL script
    b. StudentTemplate-LabTest2019.sql - template file for your answers
2. Rename the *StudentTemplate-LabTest2019.sql* template file to *your_username.sql*; for example, I might rename the template file to *WAGNERPJ1234.sql* .
3. Open SQL Developer
4. Load the assignment tables and instance rows
    a. Using your personal Oracle connection, open the *BankingScript.sql* file and Run/Script (second icon from left)
    b. Click the Commit button (6th button from left – database icon with green check mark) to ensure that the tables are persisted to your personal database space.
5. Open your personalized template file (the renamed file from step 2. above) – this will now be your answer file.
6. **Add your name to the template file on the second line.**
7. **Answer the queries in the template/answer file by developing an SQL query that solves each of the six questions in the template file, placing each answer in the open space below each question number**.
8. There is one extra credit question for 5 points which you can, but do not have to, attempt and answer – it is recommended that you only attempt this question after all other questions are completed.
9. Only one answer (the first answer given) will be graded for each question. Any subsequent answers will be ignored.
10. Do not remove or alter any of the question numbers or written question text.
11. If there are any particular requirements for each question (specified in BOLD before the text of the question), those requirements must be satisfied in your SQL query in order to get full credit on that question.
12. If you want to add any comments to your SQL answers (e.g. stating an assumption), please put regular two-dash comment lines either before or after your query, but not in the middle of your SQL query. That is, each SQL query answer should be a continuous set of lines making up that query, with no comment lines breaking up the query.
    a. You may also use multi-line /* and */ comments for any notes, though again such comments should not be placed in the middle of any of your answers. Multi-line comments should start and end on their own lines – that is, do not combine multi-line comments and your query answers.
13. Remember that, if you use a join operation to connect two tables, you must use the JOIN/ON syntax (including JOIN/ON for inner join, LEFT|RIGHT|FULL OUTER JOIN with an ON clause, or

CROSS JOIN with no ON clause) that we've discussed in lecture and practiced in the labs. You may NOT use any comma-separated table joins or comma-separated Cartesian products for any assignment in this class. Always use JOIN/ON (for most joins) or CROSS JOIN (for Cartesian product). Use of comma-separated table joins for answers will cause the answer to be marked significantly incorrect, even though you may have got the same result set as an answer using the JOIN/ON syntax.

14. DO NOT add the result rows to your answer file. Your answer file should just contain your name on the second line and your SQL queries. The teaching team will run your answer file as a script and can generate the result rows for scoring.

ASSIGNMENT SUBMISSION:

a. By the lab test deadline, submit your template file to Canvas under the Lab Test assignment.