Practice Exercise 4   CSD4203   F2022

Submission Instructions :

1. Take screen shots of your codes and paste them in a Word document. Explain your code. Take multiple screen shots to show the entire code.
2. Also take the screen shots of output and paste in the word document.
3. Embed comments
4. On MS Word cover page write the following details:
   ➢ Assignment number
   ➢ Course code
   ➢ Group number
   ➢ Student names along with student id
   ➢ Number of files submitted

5. Copy your code to notepad with .sql extension. Make sure it has only .sql extension(it should not include .txt). You should submit the .sql file as well
6. The filename should have the group number followed by assignment number. Write A1 for Assignment 1, also suffix the course code to the file name.
 Ex:
   Group1_A1_CSD4203.zip Group1_A1_CSD4203.docx
   Group1_A1_CSD4203.sql

7. use only the features covered so far in the programs

8. You may zip your files or add individual files to submission.
9. Do not submit .rar file. If you submit a zipped file, make sure it has a .zip extension

Grading Rubrics

➢ Assignment is completed as per requirements given in the "submission instruction section"
➢ Required number of files are present
➢ Uniqueness of code
➢ Embedded comments
➢ Correctness of output
➢ Do not submit .rar file
➢ Unicheck percentage (Percentage of Plagiarism)
➢ use only the features covered so far in the programs
➢ Submission date

Question

Create a table called group#_course (Ex: group_course) to store the course details of a Lambton College. You can choose any course of your choice, based on the Student Evaluation create the table structure to store the following details.

1. student id
2. student name
3. course name
4. assignment number (if 3 assignments are there name them as assign1, assign2 etc)
5. test number (if 3 tests are there name them as test1,test2 etc)
6. course total
7. grade

insert at least 5 rows in the table, do not insert course total and grade.

Write a PL/SQL script which calculates the course total and grade. Your script should ask input for student id, you should select the row from table based on the input value.
If row is found, calculate the course total based on the student evaluation given in the Course outline.
After calculating, using 'UPDATE' sql statement update the row within the script.

You can use exception block to catch errors and print appropriate error messages.

In word file paste your table structure, display the row values before executing script,
Try to execute your script multiple times and take the screen shots of the program execution.
After every program execution, execute the select statement and show the newly processed rows in the table

SUBMISSION: Make sure to submit the script file and WORD file