Due date BEFORE Friday midnight of November 29, 2024

NO LATE ASSIGNMENTS will be accepted.

You need to work on this before the deadline so that submission problems are avoided such as your system or Seneca's fails, or you have ill health. Remember as a group the others can take over responsibility. If you are not using a group, then it is solely your own responsibility.

This is a group assignment to maximum of 6 people from your own class DBS311. Only one submission per group. All members of the group will be in the commented section of the script and will contain, name, student id and oracle id. Missing names cannot be added after submission.

NOTE: Changes may be made to this assignment and will be communicated to you in time by email.

The script is to me submitted in a **text file** and not SQL file or any other type as I will run it.

Name the file   yourname.txt   == of course replace the yourname with the name of the person who submits on behalf of your group

Instructions

In simplified form, you are going to be producing a script. The script will create 2 tables, load the 2 tables with data and then using PL/SQL it will process those 2 tables and with 2 SQL at the end will show the resulting output for the 2 processed tables.

The script must run completely and accurately to produce the proper output. A script that does not run properly will be considered incomplete and needs to be resubmitted and be complete. No marks for resubmission. Get it right the first time, please.

The script will create 2 tables

Table empxx where xx is replaced with your last 2 digits of your Oracle id of the person submitting this assignment
Table transxx where xx is replaced with your last 2 digits of your Oracle id

The empxx table will contain the following
EMPID   meaning the employees id
LNAME   meaning last name
FNAME   meaning first name
SALARY   meaning the salary of the individual Add a constraint that it will not exceed 20000
COMMPCT   meaning the commission percent
HIREDATE   meaning date hired

This table is loaded with **all SA_REP** employees from the EMPLOYEES table.

The **script** will then add **new employees**
Add to this EMPXX table all members in your group. When adding the employee id, start with 3 and add your members last 2 digits of their Oracle ID. For example, if your ID is 29, then the employee id will be 329.

Each member in your group will be a new employee with starting date SYSDATE.
Each member in your group will have a commission percent of 0.20
Each member in your group will have a salary of 5000

TRANSXX
This table needs to be created and contains the following columns.
EMPID   Number 4,0 can be null   --- meaning do not put any constraints
ACTION   CHAR(1)
SALARY   Must be greater than 1000 and maximum 20,000

It is loaded with the following data:

180	U	11000
8	I	2000
41	I	2500
36	D	3000
15	X	9500
178	I	3800
34	I	2000
35	I	2000
17	U	7000
87	U	9000
176	I	21000

In the ACTION column
U means update salary to that value shown

I means increase the employees current salary by the amount
- If the amount is negative, then decrease the salary

D means decrease salary by amount shown

Anything else is an error
- Wrong action
- Employee does not exist

Your PL/SQL script
Will create 2 tables EMPXX and TRANSXX
Add in members in your group
Update EMPXX with the TRANSXX
Provide appropriate messages

At the end of the script, you need to show the EMPXX table and the TRANSXX

VIDEO:
This will show the running of the script. This is not a fancy video, but it does need some explanation while it runs. The video should be about 2 to 5 minutes.

<mark>SUBMISSION:</mark>

1 <mark>text file</mark> and not any other file such as SQL. Name the text file with the name of the person submitting the file

2 <mark>VIDEO.</mark> Please do not use some complicated video software that will not run if you do not have that software installed.