

DSGN8310 – Database Design

Assignment-1

Total Marks-10

Create a database with your last name and the last two digit of your student number. (Example, your last name is Green and your student number is 112231 means your database name will be **green31**)

Part-1

No.	task	Mark(s)/5
1.	Import sales_tax_rate.sql and sales_tax_rate.txt [from week-1] to create the tables and data in your database.	
2.	Write a procedure (name the procedure as tax_increase_yourFirstName) to increase the sales tax to a certain percentage, and the states' names started with the letter A. Please find the last digit of your student number; if it is 2, increase the tax rate by 2%. If the last digit is 9 for another student, then increase tax by 9% and so on.	4
3.	After completing the coding task, export the code for submission.	
4	Add your name and student number at the top of the code file as a comment. Put necessary comments to explain your code inside the .sql file.	1

Part-2

No	Task	Mark(s)/5
1.	Import Canadian_pt.sql file to create the table in the database you created	
2.	Write a trigger (name the trigger as capt_yourFirstName) to ensure the upper case of the provincial or territorial iso code/shortcode. Another way is if someone gives input ON as on, the trigger will turn the input to ON. Try the following values to ensure the trigger is working (4,'New Brunswick','nb'), (5,'Manitoba','mb'), (6,'British Columbia','bc'), (7,'Prince Edward Island','pe'),	4
3.	After completing the coding task, export the code for submission.	
4	Add your name and student number at the top of the code file as a comment. Put necessary comments to explain your code inside the .sql file.	1

Submission Information:

Create a folder with your FirstName_LastName_A1 that will contain all your .sql files. Please zip the folder and upload it to the Assignment-1 dropbox.