

Assignment 1 – Basic SQL Commands

Due Date: Midnight of week#4's Friday

Purpose: The purpose of this assignment is to help you:

- Become familiar with Oracle Database Express Edition (XE) & SQL Developer
- Become familiar with JustLee database
- Understand basic SQL commands

Instructions: Be sure to read the following general instructions carefully:

This assignment should be completed individually by all the students. Submit your solution **through the dropbox**, Your submission should include sql command and the screenshot of command execution result, the submission must be named according to the following rule: **studentID(yourlastname)_Assignment#number.doc** e.g., 300123456(smith)_Assignment#1.doc.

Please make sure that your submission includes query and the output generated by the query for each question

Questions [10 marks]

Part -A

StudentId	Lastname	Firstname	ProgramCode	Email
300111222	Anna	Rav	3409	ranna@my.centennialcollege.ca
300123123	Chong	Raul	3409	rchong@my.centennialcollege.ca
300124124	Vasudevan	Hima	3408	hvasu@my.centennialcollege.ca

- 1) Create ***Student*** table as defined above. Have the StudentId be the primary key, and ensure the lastname and firstname are not null [1 mark]
- 2) Insert one row into the ***Student*** table for student Rav Anna [1 mark]
- 3) Insert the second and third rows in one Insert command in the ***Student*** table [1 mark]
- 4) Assume that Rav Anna has switch to program 3408, update the data about him in the table correspondingly [1 mark]
- 5) Delete the row for student Raul Chong from the table [1 mark]

Part-B

All questions below refer to the tables in the JustLee database

- 1) Display a list of all data contained in the ***Publisher*** table [1 mark]

- 2) List title, publication date and retail price for each book in table ***Books***. Use the column heading “Publication Date” for the Pubdate filed [1 mark]
- 3) List the customer name (first name & last name) in ***Customers*** table along with the city and state in which the customer lives [1 mark]
- 4) Determine which categories are represented in the current book inventory. List each category only once [1 mark]
- 5) List all items included in order# =1007 [1 mark]