CSE 4508 – RDBMS Programming Lab

Lab 11

Prerequisites: Oracle 10g Express Edition, Notepad

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**A**. Write a simple insertion trigger (on a table of your choice) which prints the values in the row currently being inserted.

**B**. The government wants to create a database for all citizens. The citizen table consists of four rows: ID (varchar2), Name (Varchar2), DV (Varchar2), and DateOfBirth (Date). DV stands for Division Code, and it is a two digit string. Now create a function Gen\_ID which generates an ID (a string) automatically in the following format:

*DVYYYYDDMM.XXXXXXX*

*XXXXXXX* is an automatically generated number (you can use a sequence) that increments as you add new members. Once you have made Gen\_ID, create a trigger such that, every time you insert into the table Citizen with only the Name, DV, and DateOfBirth, the ID is automatically generated by calling Gen\_ID inside the trigger and then inserted automatically along with the other components.