BYBG/ISGB 7973, Database Management

**Assignment 3**

**Pine Valley Furniture Corporation**

Due: October 1, 10:00 PM

Download the files **PVFC\_description.docx** and **PVFC.zip**, available under the tab Software Workshops on the Blackboard site for the course. Use the scripts and datafiles contained in the PVFC.zip file to create and populate table for the PVFC database in Oracle APEX. (If necessary, request additional workspace or a schema within an existing workspace to keep PVFC related work isolated.

Practice building SQL queries for exercises 5-57 through 5-93 on pages 246-248. Some the queries will be very simple (e.g. 5-60), some will require running aggregates (e.g.5-69), some will require you to find additional date function in Oracle. More you practice, better you will become at developing SQL statements. Now practice building queries for exercises 6-45 through 6-85.

**Work to submit**

1. Add rows to tables.   
     
   Provide values for all fields, making sure that values correspond to datatypes specified in create statements.   
   1. Insert a row in table Customer\_T, with CustomerID =27 and CustomerName as your own name and address as 140 West 62nd Street, New York, NY 10023.
   2. Associate the new customer with Northeast territory by entering a row in table DoesBusinessIn\_T
   3. Insert a row in CustomerShipAddress\_T to provide a shipping address for the new customer as 0000 Broadway, New York, NY 10025. Use ShipAddressID as 35.
   4. Enter an order for the new customer. Use OrderID=93, SalesPersonId = 3, the current date as the order date and null as fulfillment date
   5. For the OrderID=93, enter an orderline for two units of 'Oak Computer Desk'.
2. Modify tables
   1. Modify table Product\_T as specified in exercise 5-57 and test your change by entering data as specified in exercise 5-58.

Write SQL query to retrieve all columns for all products from modified table Product-T. Include the SQL query and the first five rows in the write-up.

1. Create and use views
   1. Use definition on page 270 to create the view TSALE. Use this view to answer Question 1 on page 270. Include the SQL query and the first five rows in the write-up.
   2. Use the definition on page 371 to create the view TOPTERRITORY query then use this view to answer Query 2 on page 371. Include the SQL query and the first five rows in the write-up.
2. Submit queries and resulting tables for the following (For long result tables, include only first five rows) for the problems with modifications as noted:
   1. Find all orders for customers in Northeast territory that have not yet been filled (i.e., fulfillment date is null)
   2. Answer the following queries from the textbook:

5-63, 5-67, 5-68, 5-77, 6-46, 6-59, 6-64, 6-69, and 6-78.

Submit query and the result table form 2. A, 3.a-b, 4.a-b as a MSWord document on Blackboard.