**Lab 13 (25 points)**

**Upload one .sql file to Canvas.**

**Problem 1 (3 pts)**

* Create a numeric variable named num with a value of 10.
* Display the following to the Script Output window:
  + The value of num is: 10

**Problem 2 (2 pts)**

* Display the number of students in the student.student table.

**Problem 3 (3 pts)**

* Write a query to display the salary and title for Stella
* Use the student.employee table
* You must define the necessary variables utilizing the %TYPE keyword

**Problem 4 (3 pts)**

* Display the highest and lowest invoice totals
* Use the ap.invoices table
* Format the invoice totals as dollars and cents

**Problem 5 (4 pts)**

* Find the latest invoice due date
* Use the ap.invoices table
* If the latest invoice due date is before July 19, 2008
  + Display Overdue
* Otherwise
  + Display OK

**Problem 6 (4 pts)**

* Display information concerning the state where customer\_id of 15 lives
* Use the om.customers table
* You must use a CASE statement
  + For Wisconsin customers
    - Display Cold Winters
  + For California customers
    - Display Moderate Winters
  + For all other customers
    - Display No Information on type of Winters

**Problem 7 (3 pts)**

* Create a FOR loop that will display the numbers 1 through 3 inclusive
* Create a WHILE loop that will display the numbers 1 through 3 inclusive
* Create LOOP that will display the numbers 3 through 1 inclusive

**Problem 8 (3 pts)**

* Write a query to find an employee named Sally
* Use the student.employee table
* Include exception handling
* Provide a useful error message to the user