BA710 Final Class Project

10 Marks

Due Sunday April 24th

Deliverable – One well documented (i.e., commented) SQL script that completes the task assigned.

Methodology – This is an individual project and must be worked on alone. However, I am here to give you hints throughout the lab.

Objective/Skills Measured – This assignment will require you to use Triggers and a Stored Procedures. The final CALL of the Stored Procedure will utilize all triggers created.

Assignment –

* Create the Balance\_Due table in the AP library.
* Make a copy of the balance due table in your work library.
* Create a stored procedure called Work.Balance\_Due\_Insert that inserts a record into the work.balance\_due\_table by passing the five following parameters: Vendor Name, Invoice Number, Invoice Amount, Payment Amount, Credit Amount.
* Create a trigger to validate the Vendor Name. The Vendor Name passed by the end user should always be inserted as upper case, even if it isn’t entered upper case as a parameter.
* Create a trigger to validate the Payment Amount. The Payment Amount should never be larger than the Invoice Amount, so the code should generate an error, if it encounters a payment greater than the invoice. (Hint: This would be an error where the data is out of range.)

Test your stored procedure using the following calls:

Call work.balance\_due\_insert(ULTIMATE BACKYARD, 1102125, 600, 50, 50);

Call work.balance\_due\_insert (ORION Ltd, 28682021, 9260.99, 0, 1000);

Call work.balance\_due\_insert (Bat Scooters, 312710, 11100, 42910, 3800);