**Lab 16 - PL (16 points)**

**Place into one .sql file and upload to Canvas.**

**Problem 1 (6 pts)**

Create a **function** named GET\_BALANCE\_DUE (Finally!! We don't have to code it every time!)

* Input parameter is INVOICE\_ID
* Use AP.INVOICES table
* Return the Balance Due (INVOICE\_TOTAL - PAYMENT\_TOTAL - CREDIT\_TOTAL)

**Problem 2 (2 pts)**

Call the function GET\_BALANCE\_DUE, created above.

**Problem 3 (4 pts)**

Create a stored **procedure** named UPDATE\_EMPLOYEE

Update the EMPLOYEE (copy in your schema) table. Pass in the EMPLOYEE\_ID and SALARY. Check to ensure the SALARY is positive. Raise a *custom application error* if not. Make the error easy for the user to understand.

**Problem 4 (4 pts)**

Call the stored procedure above.

* Call it once to create the error.
* Call it again to actually update the table.