COBOL PROGRAMMING ASSIGNMENT - 2016

**LAB 8**

Download the **new data file** and sample output from DC Connect normally.

The main “detail” data on the output reports for Grad and Non-graduates is to remain the same, but make the following changes to the reports.

1. On both the Grad and Non-grad report single space the output, but put two blank lines between each group of five. So, the output will go like this: headings, first 5 detail lines, 2 blank lines, next 5 detail lines, and so on. There are now 15 detail lines per page (so 3 groups of 5). Take a look at the sample output.
2. Add a SUBTOTAL at the end of each page for the raise amount for that page only (so for each group of fifteen). There should also be a subtotal of what is on the last page before the various final totals are written out.
3. Determine the employee who received the greatest raise and print out their name / raise amount. Put this answer at the bottom of both reports.
4. Do not use a floating – on the budget difference field, change the format to $$$$,$$9.99-.
5. The Non-grads have been complaining that using the existing logic they can never become Analysts. In order to satisfy them a compromise has been reached.

If a Non-Grad has 12 or more years of experience they will receive a bonus of $1500 onto their new pay. See Mildred King #487 in the sample output.

* A comment line is written out onto the non-grad report indicating this has happened.
* Use this adjusted new salary amount when comparing to the budget-difference.

This DOES NOT APPLY to GRADS, so this logic goes into you NON-GRAD paragraph, and the $1500 does add to the Page subtotals in part B above.

1. if the BUDGET DIFFERENCE amount is more that $500, either positive or negative, add a NEW line to the output below the normal detail with the warning message “BUDGET DIFFERENCE GREATER THAN $500”. This warning does apply to both Grads and Non-grads. For the Non-grads where point E above happens make sure to use the revised new salary (with the $1500 added) for this comparison. Also for the Non-Grads, it is possible for E and F to both happen at once. See Delbert Edward #181 in the sample output.
2. Use my posted example in Content and your notes to create pseudocode for only the following paragraphs of your program:
   1. Main loop
   2. Grads para
   3. Non-grads para
   4. Page subtotals paragraph
   5. You **DO NOT** need to create pseudocode for the “classification” paragraphs (Analyst, etc.), simply use “stubs”.

HAND IN: A Zip or z7 archive of your entire VS2015 Project

Pseudocode – either an MS-Word or .txt document