Prepare a **Notepad++** document containing **Part 2** of the attached instructions. This is the document containing your **Pseudocode** for the program

 **Problem Statement**

Ledger's Furniture Store has 10 salespeople. Ledger's wants to produce a combined monthly sales report for all salespeople. Ledger's wants you to write a program that will allow them to enter data in any order, save the unsorted data to a file, and then produce a file in alphabetical order by last name of the salespeople. The unsorted output file should be named "sales\_unsorted.txt" and the sorted file should be named "sales\_sorted.txt".

Your *unsorted* file output should include:

 A list of the salespeople’s names and the monthly sales for each of them.

Your *sorted* file output should include:

 A list of the salespeople’s name and the monthly sales for each of them.

 At the bottom of the report, list the following:

o The total combined sales for all salespeople.

o The average sales for all salespeople.

o The salesperson with the lowest sales for the month.

o The salesperson with the highest sales for the month.

You must submit the unsorted and sorted files with your RAPTOR program to show that your program ran correctly.

|  |  |
| --- | --- |
| Here is your *sample test data* to use with your program. This is to be typed in as user input. **Salesperson**  | **Monthly Sales**  |
| Joan  | $ 1525  |
| Bob  | $ 1935  |
| Lisa  | $ 2550  |
| Tina  | $ 1745  |
| Corey  | $ 3025  |
| Chummily  | $ 1420  |
| Rick  | $ 4560  |
| Nancy  | $ 2645  |
| Holly  | $ 1489  |
| Frank  | $ 4450  |

Do not worry about the formatting of your output files since RAPTOR does not support formatting controls.

The *unsorted* file should look similar to this: The *sorted* file should look similar to this:

Joan Sales: $ 1525 Bob Sales: $ 1935

Bob Sales: $ 1935 Chummily Sales: $ 1420

Lisa Sales: $ 2550 Corey Sales: $ 3025

Tina Sales: $ 1745 Frank Sales: $ 4450

Corey Sales: $ 3025 Holly Sales: $ 1489

Chummily Sales: $ 1420 Joan Sales: $ 1525

Rick Sales: $ 4560 Lisa Sales: $ 2550

Nancy Sales: $ 2645 Nancy Sales: $ 2645

Holly Sales: $ 1489 Rick Sales: $ 4560

Frank Sales: $ 4450 Tina Sales: $ 1745

======================

Total Sales: $ XXXXX

Average Sales: $ XXXX

Salesperson with Lowest Sales: *name*

Salesperson with Highest Sales: *name*

**Other Requirements:**

 Documentation: Use the "Comments" feature to document each symbol in the flowchart. You do this by right-clicking the symbol and selecting "Comment." Be sure to identify the data type of each variable used in your comments. Be sure to explain what each formula and function does. Be sure to explain what each of the other symbols in the flowchart does in a comment.

 Test and debug your Program: Use the sample input data, run the program, then *check your answers* with a calculator or Excel. If something did not match up, then fix your program.

 Program must execute and produce correct output.

 Read this page again to be sure you covered all requirements.

 See the Programming Project Rubric for grading principles