

Sales Tax Calculation

Task: Write a program that will input total sales (sales plus tax) that a business generates for a particular month. Write the version of the program in C++. Your programs must match your algorithm!!!

Input: The program will also input the state and local sales tax percentage.

Output: It will output the total sales, the state tax, the local tax and the final sales amount to be paid. The output should be in fixed notation with 2 decimal places. The Pennsylvania state income tax rate is currently 3.07% (.0307). The local tax for Harrisburg, PA is 6.0% (.06).

Sample output:

The Total sales for the month is: \$8000.00

The State tax for the month is: \$225.18

The Local tax for the month is: \$440.08

The Final Sales amount is: \$7334.74

Programming:

- Include internal and external documentation.
- Initial comments at the beginning of each program should provide the program name, your name, and a simple statement of what the program does.
- Include a meaningful prompt for the user.
- To avoid doing data conversions or losing data through integer truncations, use only real numbers in the calculations. A number constant will be treated as a real number if you include a decimal point and a trailing 0.

Submissions:

- Submit an electronic copy of the of your algorithm fist in the D2L dropbox. Due date is listed above.
- Then submit the **source code** files in the D2L dropbox. Due date is listed above. Algorithm is worth 5 points. Each program is worth 15 points.
- *Include your first initials/last name at the beginning of the name of any program submission.* Ex. RClark_SalesTax.docx