

Characters and Strings

Task: Retrieve program stringchar.cpp from the Program folder. This program illustrates the use of characters and strings. Using the stringchar.cpp files complete the computer program to demonstrate the use of characters and strings. Write the version of the program in C++. Your programs must match your algorithm!!!

Input: See source code for instructions.

Output: The C++ output should complete the source file.

Sample output:

The preferred soda is Dr. Dolittle
The preferred snack is crackers
Out of 250 people 148 chose these items!
Each of these products were given a rating of A from our expert tasters
The other products were rated no higher than a B

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_CharString.docx