Student Generated Programming Prompts

Students will create their own plain English programming prompts to help facilitate the identification of the common array operations. Students are to write a 2-paragraph programming prompt. Each paragraph will consist of 5 or more sentences. They will share these prompts with the other students in the discussion section of the assignment. Each student in the class will be required to implement a coded response in C++. No two students can create the same written prompt, and students are required to implement a coded response using the C++ programming language. You must implement a C++ coded response to a different prompt from the one you created. You will provide an evaluation of the programming prompt that you chose to implement.

Goal

This activity will create meaningful interaction between students because it will allow them to engage with each other by exchanging work, and ideas to identify common array operations. Students will also be required to evaluate the plain English written prompt that they implement using the C++ programming language.

Submission Details

Students will submit the following:

1. A 2-paragraph, plain English language programming prompt.
2. A C++ implementation response to the any plain English language programming prompt that is not your own.
3. An evaluation of the plain English language programming prompt you implemented in C++.
4. Attach your ".ccp" files to the plain, English programming prompt that you implement.

Grading

I will grade the following:

1. Your plain English 2-paragraph programming prompt.
2. Your C++ implementation response to the programming prompt you chose.
3. Your evaluation of the plain English programming prompt you chose.