Algorithms and Data Structures Narrative

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The artifact I submitted is a header file for a stack class written in C++. I added comments to help those who might look at the code wondering what it does. In addition, I have added exception handling for when the stack is either full or empty, that is why I have included the CustomStackExcpetion header file. I have also added two new member functions, getSize function and the swap function. The swap function takes in a second stack array and then swaps the contents of the array that is passed into the function with the current stack, there needs to be two different arrays of stack with the same type in main cpp file before you can even use it. Also, in order to use this, we need another way to retrieve the size of the passing array, so that is the reason why I decided to add a getsize function.