

Problem solving:

1. An instance where you solved a particularly challenging problem. Please describe and bound the problem first, then describe the methodology used to solve it.
2. How would you approach writing an application to determine from the set of words comprising the English language, the number of anagrams corresponding to one word?

Problem Solving

1. Using a stack (or multiple stacks) write some pseudo-code (or talk through it) to evaluate an infix expression, converting it to post-fix in the process.
2. Assuming an existing singly-linked list, insert an element into the list.
3. Assuming the same singly-linked list, convert it to a doubly-linked list
4. (extra credit: do it using a single pointer- use XOR to effectively store 2 pointers into the same variable)

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