## Data Structure and Algorithm, Spring 2022 Homework 0

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## Problem 3

Problem 3-(a) Swaps two arrays using pointers

- (1) real\_a
- (2) real\_b
- (3) real\_b
- (4) tmp

Problem 3-(b) An array supporting negative indices

(1) MAXN

Problem 3-(c) Traverses data nodes in a linked list

- (1) root != NULL
- (2) tmp->data
- (3) tmp->nxt

Problem 3-(d) Traverses data nodes in a binary tree

- (1) root != NULL
- (2) root->left
- (3) root->right
- (4) root