AP Computer Science Homework

1. Given 2 integer arrays, a and b, each length different, return a new array length 2 containing their middle elements.
2. User inputs 2 integer arrays nums1 and nums2 of the same length. For every element in nums1, consider the corresponding element in nums2 (at the same index). Function “matchup(int[ ] nums1, int[ ] nums2)” returns the count of the number of times that the two elements differ by 2 or less, but are not equal.

nums1 = {3, 7, 9, 0, 2, 15, 8, -1, 4}, nums2 = {0, 5, 8, -1, 5, 20, 6, -3, 7},

1. Given an user input arrays numbers of length at least 8, swap the odd index element to the immediate next even index element. Return the result array.

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