E - 1470. Shuffle the Array

Given the array nums consisting of 2n elements in the form [x1,x2,...,xn,y1,y2,...,yn].
Return the array in the form [x1,y1,x2,y2,...,xn,yn].

Example 1:

Input: nums = [2,5,1,3,4,7], n = 3
Output: [2,3,5,4,1,7]

Explanation: Since x1=2, x2=5, x3=1, y1=3, y2=4, y3=7 then the answer is [2,3,5,4,1,7].

Example 2:

Input: nums = [1,2,3,4,4,3,2,1], n = 4
Output: [1,4,2,3,3,2,4,1]

Example 3:

Input: nums = [1,1,2,2], n = 2
Output: [1,2,1,2]

Constraints:
1 <= n <= 500
nums.length == 2n
1 <= nums[i] <= 10^3

Solution:

```
class Solution {
    public int[] shuffle(int[] nums, int n) {
        int[] result = new int[2*n];
        int idx=0;
        for(int i=0;i<n;i++){
            result[idx++]=nums[i];
             result[idx++]=nums[i+n];
        }
        return result;
    }
}
```