5428. Shuffle the Array

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Given the array `nums` consisting of `2n` elements in the form $[x_1,x_2,...,x_n,y_1,y_2,...,y_n]$.

Return the array in the form $[x_1,y_1,x_2,y_2,...,x_n,y_n]$.

User Accepted:	1300
User Tried:	1329
Total Accepted:	1335
Total Submissions:	1376
Difficulty:	Easy

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 the
```

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`

JavaScript

```
/**
 * @param {number[]} nums
 * @param {number} n
 * @return {number[]}
 */
const shuffle = (nums, n) => {
    let x = [];
    let y = [];
```

```
    let res = [];
    for (let i = 0; i < n; i++) {
        x.push(nums[i]);
    }
    for (let i = n; i < nums.length; i++) {
       y.push(nums[i]);
    }
    for (let i = 0; i < x.length; i++) {
       res.push(x[i]);
       res.push(y[i]);
    }
    return res;
};
```

Custom Testcase | Use Example Testcases

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Submission Result: Accepted (/submissions/detail/350064547/)

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