

## Shuffle the array:

<https://leetcode.com/problems/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]`.

Solution:

```
class Solution(object):
```

```
    def shuffle(self, nums, n):
```

```
        """
```

```
        :type nums: List[int]
```

```
        :type n: int
```

```
        :rtype: List[int]
```

```
        """
```

```
        nums2=list()
```

```
        n=len(nums)/2
```

```
        for i in range(0,len(nums)/2):
```

```
            nums2.append(nums[i])
```

```
            nums2.append(nums[i+n])
```

```
        return nums2
```

Success Details >

Runtime: 48 ms, faster than 100.00% of Python online submissions for Shuffle the Array.

Memory Usage: 12.9 MB, less than 100.00% of Python online submissions for Shuffle the Array.

Next challenges:

Maximum Average Subarray II

Largest Number At Least Twice of Others

Flipping an Image

Show off your acceptance:



Time Submitted	Status	Runtime	Memory	Language
a few seconds ago	Accepted	48 ms	12.9 MB	python

```
1 class Solution(object):
2     def shuffle(self, nums, n):
3         """
4         :type nums: List[int]
5         :type n: int
6         :rtype: List[int]
7         """
8         nums2=list()
9         n=len(nums)/2
10        for i in range(0,len(nums)/2):
11            nums2.append(nums[i])
12            nums2.append(nums[i+n])
13        return nums2
14
15
16
```

Testcase Run Code Result Debugger

Accepted Runtime: 24 ms

Your input [2,5,1,3,4,7]  
3

Output [2,3,5,4,1,7]

Expected [2,3,5,4,1,7]

