**6 kyu**

**Selective Array Reversing**

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JavaScript

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Given an array, return the reversed version of the array (a different kind of reverse though), you reverse portions of the array, you'll be given a length argument which represents the length of each portion you are to reverse.

E.g

selReverse([1,2,3,4,5,6], 2)

//=> [2,1, 4,3, 6,5]

if after reversing some portions of the array and the length of the remaining portion in the array is not up to the length argument, just reverse them.

selReverse([2,4,6,8,10,12,14,16], 3)

//=> [6,4,2, 12,10,8, 16,14]

selReverse(array, length)

* array - array to reverse
* length - length of each portion to reverse

Note : if the length argument exceeds the array length, reverse all of them, if the length argument is zero do not reverse at all.

<https://www.codewars.com/kata/selective-array-reversing/javascript>

1. *//JavaScript-C24.2.0 (SpiderMonkey)*
3. **function** selReverse(array, length) {
4. *// your code here*
6. **if** (length == 0) **return** array;
8. **if** (length >= array.length)
9. {
10. **var** i = 0;
11. **var** j = array.length - 1;
12. while (i < j)
13. {
14. **var** temp = array[i];
15. array[i] = array[j];
16. array[j] = temp;
17. i++;
18. j--;
19. }
20. }

23. **var** der = length - 1;
25. **for** (let izq = 0; izq < array.length; izq += length)
26. {
27. **var** i = izq;
28. **var** j = izq + length - 1;
30. **if**(j >= array.length)
31. {
32. j = array.length - 1;
34. }
36. while (i < j)
37. {
38. **var** temp = array[i];
39. array[i] = array[j];
40. array[j] = temp;
41. i++;
42. j--;
43. }
45. }
47. **return** array;
49. }
51. **var** array = [   2, 4, 6, 8, 10, 12, 14, 16];
52. **var** length = 3;
53. print(selReverse(array, length));