

Easy  95  6  Add to List  Share

A **subsequence** is an array that can be derived from another array by deleting some or no elements without changing the order of the remaining elements.

The subsequence has the largest sum of  $3 + 3 = 6$ .

The subsequence has the largest sum of  $-1 + 3 + 4 = 6$ .

Another possible subsequence is [4, 3].

- `1 <= nums.length <= 1000`
- `-105 <= nums[i] <= 105`
- `1 <= k <= nums.length`

Seen this question in a real interview before?

Yes

No



```
1 class Solution {
2     public int[] maxSubsequence(int[] nums, int k) {
3     }
4 }
5 }
```