

Make the array beautiful 📖

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Easy

Accuracy: 42.48%

Submissions: 7K+

Points: 2

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Given an array of positive and negative integers. You have to make the array beautiful. An array is beautiful if two adjacent integers, `arr[i]` and `arr[i+1]` have the same sign. And you can do the following operation any number of times until the array becomes beautiful.

- If two adjacent integers have different signs, remove them.

Return the beautiful array after performing the above operation.

**Note:** An empty array is also a beautiful array. There can be many adjacent integers with different signs. So remove adjacent integers with different signs from **left to right**.

Example 1:

**Input:** 4 2 -2 1

**Output:** 4 1

**Explanation:** As at indices 1 and 2 , 2 and -2 have different sign, they are removed. And the the final array is: 4 1

```
1 #User function Template for python3
2
3 from typing import List
4
5 class Solution:
6     def makeBeautiful(self, arr: List[int]) -> List[int]:
7         # code here
8         stack =[]
9         n= len(arr)
10        for i in range(n):
11            if (stack and stack[-1]>=0 and arr[i]<0) or (stack and arr[i]>=0 and stack[-1]<0):
12                stack.pop()
13            else:
14                stack.append(arr[i])
15        return stack
16
17
18 ☐# } Driver Code Ends
```



[Custom Input](#)

Compile & Run

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