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From collections import Counter

Def frequency_sorted_list(arr):

    Freq = Counter(arr)

    New_list = []

    For num, count in freq.items():

        New_list.extend([count] * num)

    New_list.sort()

    Return new_list

N = int(input())

Arr = list(map(int, input().split()))

Result = frequency_sorted_list(arr)

Print(result)
```