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Form the biggest number   🔒 locked

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Given an array **a** of numbers, arrange them in a way that yields the largest value. For example, if the given numbers are **{54, 546, 548, 60}**, the arrangement **6054854654** gives the largest value. And if the given numbers are **{1, 34, 3, 98, 9, 76, 45, 4}**, then the arrangement **998764543431** gives the largest value.

Input Format

First line contains an integer **n**, denoting the no of values in the array.
Next line contains **n** space-separated integers of **a**.
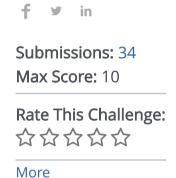
Constraints

$1 <= n <= 10^4$
$1 <= a_i <= 10^9$

Output Format

Print the largest number formed after arranging the elements of **a**

Sample Input 0

```
5
1 2 3 4 5
```

Sample Output 0

```
54321
```

Submissions: 34
Max Score: 10

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More

Current Buffer (saved locally, editable)   ⑂ ↺   Python 3 ⌄   ⤢   ⚙

```python
1  # t=int(input())
2  # for _ in range(t):
3  N = int(input())
4  arr = list(map(int, input().strip().split()))
5  l = len(str(max(arr))) + 1
6  ext_val = []
7  for i in arr:
8      temp = str(i)*l
9      ext_val.append((temp[:l], i))
10 ext_val.sort(reverse = True)
```

```
11   ans = ""
12 ▼ for i in ext_val:
13       ans += str(i[1])
14   print(ans)
15
16
```

Line: 8 Col: 20

⬆ Upload Code as File   ☐ Test against custom input   Run Code   Submit Code

Custom Testcase ⓘ

Compilation Successful

Input (stdin)

```
8
1 34 3 98 9 76 45 4
```

Your Output

```
998764543431
```