



ginortS ★

74/115 challenges solved

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Problem

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You are given a string ***S***.***S*** contains alphanumeric characters only.

## Sorting

Your task is to sort the string ***S*** in the following manner:

- All sorted lowercase letters are ahead of uppercase letters.
- All sorted uppercase letters are ahead of digits.
- All sorted odd digits are ahead of sorted even digits.

### Input Format

A single line of input contains the string ***S***.

### Constraints

- $0 < \text{len}(S) < 1000$

### Output Format

Output the sorted string ***S***.

### Sample Input

Sorting1234

### Sample Output

ginortS1324

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Language

Python 3



```
1 # Enter your code here. Read input from STDIN. Print output to STDOUT
2 print(''.join(sorted(input().strip(), key=lambda c: (
3     0 if c.islower() else
4     1 if c.isupper() else
5     2 if c.isdigit() and int(c)%2==1 else
6     3))))
```

```
5     2 if c.isdigit() and int(c)%2 else
6     3, c)))
7
```

EMACS

Line: 7 Col: 1

 Upload Code as File

☐ Test against custom input


Run Code

Submit Code

You have earned 40.00 points!

74/115 challenges solved.

64%



### Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

 Test case 0

Compiler Message

Success

 Test case 1 


 Test case 2 

Input (stdin)

1

Sorting1234


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✔ Test case 3 

Expected Output

1 | **ginortS1324**

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✔ Test case 4 

✔ Test case 5 