

SPLIT

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Maximum time of execution: 1 second/test.
Maximum available memory: 256 MB

In order to teach Mihai to write figures neatly, his teacher gave him for homework to write several numbers. Because he was rushing to finish his homework as quick as possible so that he can play on the computer, he wrote the numbers so close that some of them were attached.

When his mother looked on Mihai's notebook, she noticed this thing and she thought of a challenge for the little boy. She writes a number with an even number of digits and Mihai should split this number in two equal parts and should write the two numbers which are formed after this move.

This thing will help Mihai learn how to write numbers neatly in a funny way.

TASK

Help Mihai find two numbers which form the number said by his mother, if we attach the second number at the end of the first one.

INPUT FORMAT

The first line of the input contains only one integer, $N \leq 10^{18}$ – the number told by Mihai's mother.

OUTPUT FORMAT

The output contains two integers separated by space, the numbers which form the number told by Mihai's mother.

RESTRICTIONS

- $1 \leq N \leq 10^{18}$.
- **N has even number of digits.**
- **All digits are different from 0.**

EXAMPLES:

<i>Input (from the console)</i>	<i>Output (to the console)</i>
2341	23 41

<i>Input (from the console)</i>	<i>Output (to the console)</i>
238445	238 445