Problem F2301
Learning Word 4

And another two years, when your little brother is 9 years old, He has shown his talent in learning language, and he start to show off his skill to you. One day, you read several paragraphs from news paper to practice your oral English. Just 1 second later, your little brother not only repeat the content you just read, but also in reverse order!

Input

The input consists of a line contains $n(1 \leq n \leq 100)$ word. Each word contains at least one and at most 20 lower-case characters. Words are separated by a blank space. For simplicity, punctuation marks are omitted.

Output

Print the words in reverse order.

Sample Input

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today a new technology is invented
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Sample Output

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invented is technology new a today
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