

Reverse Words

Input file: **standard input**
Output file: **standard output**
Time limit: 1 second
Memory limit: 256 megabytes

Given a string S . For each word in S **reverse** its letters then print it.

Note: words are separated by space.

Input

Only one line contains a strings S ($1 \leq |S| \leq 10^6$) where $|S|$ is the length of the string and it consists of **lowercase** and **uppercase** English letters, spaces.

Output

Print the answer required above.

Examples

standard input	standard output
I love you	I evol uoy
You love me	uoY evol em
We are a happy family	eW era a yppah ylimaf