**Lab Task: Week 6**

Rakib likes to study new words every day, and is a fast learner too. He learns new words and writes them in his diary in reverse-lexicographical order. However, one day he lost his bag, which contained his diary and also his most-favored reverse-dictionary. Although he remembers the words and their meanings, he has to sort them. Can you help him sort the words in reverse-lexicographical order?

**Input:** An integer **a**, and then **a** consecutive strings.

**Output:** The sorted strings in reverse-lexicographical order.

**Sample Input:**

5

zigzag

baseball

people

apple

zod23

**Sample Output:**

zod23

zigzag

people

baseball

apple