Rakib is a cashier in the “Sundarban Courier Service”.When a slot comes to him with peoples stuffs and goods, people gather there excessively.In that time when someone ask Rakib about their stuffs,Rakib then faced many difficulties. Such finding their name in the list and delivery their products according to the products number level in the products list.

So,Rakib wants to hire a programmer for write a code to sort his customers first letter of the name.So that he could find the person easily.Also sort the products number ascending to descending for delivering the products.

You can use number of 2 Arrays or vectors.

You have to declare one in character and another in integer.

You can help Rakib by only using **“Selection Sort”.**

**Input:**

First line, take a user input N.Thats denote the number of the customers.

The second line contains N characters (Name1,Name2,Name3….NameN)

Third line contains N integers of number level of the products(a1,a2,a3….aN)

**Output:**

->After sorting the characters print it in ascending to descending order.

->After sorting the integers print it in ascending to descending order.

**Example:**

Inputs:

5

e a c b d

66 21 34 5 1 10

Outputs:

a b c d e

1 5 10 21 34 66