

## Plane ticket to go far far away

A travel agency stores how much the plane tickets to cities being different distances away cost.

Write a program that gives the price of the plane ticket to the farthest city.

### Input

The first line of the *standard input* contains the count of cities ( $1 \leq N \leq 100$ ). The next  $N$  lines contain the distance of a city ( $1 \leq D \leq 20000$ ) and the price of the plane ticket ( $1 \leq P \leq 2000000$ ) each.

### Output

The first line of the *standard output* should contain the price and city name of the plane ticket to the farthest city (if there is more than one solution, you should give the cheapest).

### Example

*Input*

```
6
London 3000 8000
Paris 1900 20000
Berlin 2000 15000
Rome 900 3800
Madrid 600 10000
Amsterdam 2100 30000
```

*Output*

```
8000 London
```

## Find the First Number Greater than $k$

You are given an array of numbers and an integer  $k$ . Your task is to find the first number in the array that is greater than  $k$ .

### Input:

- An integer  $n$  representing the number of elements in the array.
- An array of  $n$  integers.
- An integer  $k$ , the target number.

### Output:

- Display the first number in the array that is greater than  $k$ .

Input

```
Enter the number of elements (n): 6
Enter the array: 3 7 2 10 8 4
Enter the value of k: 5
```

Output:

7