Max Number

Budi, Anto and Hani are playing a game called Max Number. Budi will ask Anto to give N number into bag and also ask Hani to remove M number from bag and next they will find the maximum number from the bag.

Format Input

The first line contains two integers *N* stating total numbers that will be stored into bag and *M* stating the total numbers that want to be removed from the bag.
The second lines contains N numbers that will be stored into the bag.
The third lines contains M numbers that want to be removed from the bage.

Format Output

Output with a format *"Maximum number is X"*; where *X* is the maximum number in the bag. If no numbers in the bag, the application will give an output *"Maximum number is -1"*

Constraint

- $1 \le N \le 100$
- $1 \le M \le N$
- $1 \le numbers \le 999$

Sample Input (standard input)

```
10 3
99 20 10 8 99 4 9 93 66 55
99 94 10
```

Sample Output (standard output)

```
Maximum number is 93
```