

COCI '09 Contest 1 #1 Note

Time limit: 1.0s **Memory limit:** 32M

C major scale consists of 8 tones: c d e f g a b C. For this task we number the notes using numbers 1 through 8. The scale can be played **ascending**, from 1 to 8, **descending**, from 8 to 1, or **mixed**. Write a program that, given the sequence of notes, determines whether the scale was played **ascending**, **descending** or **mixed**.

Input Specification

First and only line of input will contain 8 integers, from 1 to 8 inclusive. Each integer will appear exactly once in the input.

Output Specification

In the first and only line of output, print `descending` if the scale was played **descending**, `ascending` if the scale was played **ascending** or `mixed` if the scale was played **mixed**.

Sample Input 1

```
1 2 3 4 5 6 7 8
```

Sample Output 1

```
ascending
```

Sample Input 2

```
8 7 6 5 4 3 2 1
```

Sample Output 2

```
descending
```

Sample Input 3

8 1 7 2 6 3 5 4

Sample Output 3

mixed