

1. round, 24. october 2009.

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C major scale consists of 8 tones: c d e f g a h 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

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

In the first and only line of input print "descending" if the scale was played **descending**, "ascending" if the scale was played **ascending** and "mixed" if the scale was played **mixed**.

### SAMPLE TESTS

<b>input</b> 1 2 3 4 5 6 7 8	<b>input</b> 8 7 6 5 4 3 2 1	<b>input</b> 8 1 7 2 6 3 5 4
<b>output</b> ascending	<b>output</b> descending	<b>output</b> mixed