UCF "Practice" Local Contest — Aug 28, 2021

Medal Ranking
filename: `medal`
Difficulty Level: `Easy`
Time Limit: `5 seconds`

When different countries compete against each other (e.g., in the Olympics), they receive gold/silver/bronze medals. The countries can then be ranked in one of two ways: by "count" which is based on the total number of medals (regardless of the medal colors) or by "color" which is based on the number of gold medals (and silver medals if tied in gold medals, and bronze medals if tied in gold and silver).

The Problem:

Given the gold/silver/bronze medal counts for USA and Russia, you are to determine if USA wins in these two ranking methods.

The Input:

There is one input line, it consists of 6 integers (each integer between 0 and 500 inclusive); the first three integers represent (respectively) the gold, silver, and bronze medal counts for USA; the last three integers provide this info for Russia (in same order).

The Output:

Print one of four messages (`count`, `color`, `both`, `none`), indicating how USA can win. USA will win by `count` if its total medal count is higher than the total for Russia. USA will win by `color` if it has more gold medals than Russia (if tied in gold, then USA must have more silver; if tied in gold and silver, then USA must have more bronze).

Sample Input

Sample Output

Sample Input	Sample Output
10 5 15 10 1 0	both
10 5 15 10 6 10	count
12 5 10 5 20 30	color
10 0 15 10 5 30	none
10 5 15 10 5 15	none