



Introduction

Calling all Number Detectives! We need your help to uncover the misfit columns in our mysterious 3x5 number matrix. Your program must identify those columns where the elements have different values. It's like a game of hide-and-seek, but with numbers! Get ready to dive into the world of matrix and expose the columns that have all their values different. In the event that a matrix doesn't have such columns, print out a single 0.

Input

The input is a 3x5 matrix. It is composed by three lines. Each line will have five positive integers separated by a space.

Output

The output will display the columns whose elements have different values in same order than the original matrix.

Example 1	Example 2	Example 3
Input	Input	Input
1 2 2 5 9	1 2 3 4 5	10 21 31 14 15
3 0 2 5 1	6 7 8 9 1	60 71 89 29 1
1 7 2 3 0	1 2 3 4 5	10 21 30 34 15
Output	Output	Output
2 9	0	31 14
0 1		89 29
7 0		30 34