Problem 2

Lottery Ticket Checker

A popular weekly lottery for adults to play in Ontario is Lottario. Players of this lottery pick six unique numbers between 1 and 45, inclusive, for each ticket. Every Saturday, six regular numbers and one bonus number are drawn to determine the winners. The bonus number is only used with the second prize.

The winners are determined in the following manner:

Number of Matches on the Ticket	Prize
6 out of 6 regular number	First Prize
5 out of 6 regular numbers and the bonus number	Second Prize
5 out of 6 regular numbers	Third Prize
4 out of 6 regular numbers	Fourth Prize
3 out of 6 regular numbers	Fifth Prize
2 out of 6, 1 out of 6, 0 out of 6	No Prize

Jimmy Joe played five tickets on last Saturday's Lottario draw. Determine the prizes that Jimmy Joe will win with his tickets

The input file (DATA2) will contain six lines of data. The first line will contain the six regular numbers (in ascending order) and the bonus number, each separated by a space. The next five lines will each contain the six numbers (in ascending order) on each of the five tickets that Jimmy Joe played. Each number is separated by a space.

The output file (OUT2) will contain five lines of data, corresponding to each ticket line of the input file. Each line will contain the prize, as described in the chart above.

Sample Input	Sample Output
11 20 22 28 35 42 25	No Prize
7 14 21 33 34 35	Fifth Prize
8 16 22 35 38 42	No Prize
2 12 19 25 28 42	Second Prize
11 20 22 25 28 35	No Prize
1 40 41 43 44 45	