**Difference of Sums**

**Problem Description**

A square matrix of size *N* would be given and you are supposed to write a code that calculates and returns the difference of the sums of both diagonals present in the given matrix.

**Input Format**

First Line is the matrix size N.

Second line contains the elements of the matrix.

**Output Format**

Difference of sums as explained above.

**Constraints**

1<= N <=10

1<= matrix-elements <=103

**Sample Input**

3

1 5 3 8 2 7 4 6 9

**Sample Output**

3

**Explanation**

The input matrix of size 3 given is as follows:

1 5 3

8 2 7

4 6 9

Here {1, 2, 9} and {3, 2, 4} are the two diagonals present.

Their sums are 12 and 9 respectively, so the difference happens to be 3.