

You will be given a 3x3 matrix as input. You need to check whether the matrix is a magic square or not. Magic squares are the matrices which have equal sum along all rows, columns and diagonals. For example,

2	7	6	→15	
9	5	1	→15	
4	3	8	→15	
↙15	↓15	↓15	↓15	↘15

This is a magic square as you can see all the sums are equal to 15 along all the rows and columns and even the diagonals.

Now, Write a C Program to check the matrix is magic square or not. (10)

Sample Input	Sample Output
2 7 6 9 8 1 4 3 5	NO
2 7 6 9 5 1 4 3 8	YES