

MagicSquare

A magic square is an arrangement of numbers (usually integers) in a square grid, where the sum of each row, each column, and each of the diagonals, is equal. A magic square has an equal number of rows and columns.

If you'd like to try your hand at a magic square, use the link below:

https://www.transum.org/software/SW/magic_square/magic_square.asp

Here is an example of a 3x3 magic square. All the sums are 15.

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

Write a program to allow the user to test for a 3x3 Magic Squares.

User interface should look similar to the example below.

Initialize a two-dimensional array with the corresponding values entered in the textboxes.

All subsequent coding, should be done using the 2-D array.

Display whether or not the numbers entered form a magic square - each row, column and diagonal adds up to 15 (for a 3x3 magic square).

Loops should be used when traversing through the array.

Values should remain visible on the screen, the user can then change values as needed.

You can also include a button for the user to clear all of the textboxes.

