[8pts] Magic Square (`prob3.py`)

We define a *magic square* as a square matrix (i.e., a nested list with the same number of rows as columns) of integers in which the rows, columns and both diagonals sum up to the same number. For example, the following matrix is a magic square since the sum of the elements along any row, column, or diagonal is 15.

$$\begin{pmatrix} 2 & 7 & 6 \\ 9 & 5 & 1 \\ 4 & 3 & 8 \end{pmatrix}$$

In `prob3.py`, complete the function `is_magic_square` that:

- accepts as input a nested list of integers, and
- returns `True` if and only if the supplied nested list is indeed a magic square, and `False` otherwise.

You may assume that the given nested list will always have the same number of rows as columns. Your `is_magic_square` function should not print any output to the screen — use the `main` function for testing purposes.