## 6.Magic Matrices

Write a function that checks if a given **matrix** of numbers is magical. A matrix is magical if the **sums of the cells** of everyrow and everycolumn are equal.

### Input

The input comes as an array of arrays, containing numbers (number 2D matrix). The input numbers will **always be positive**.

### Output

The **output** is a **Boolean** result indicating whether the matrix is magical or not.

### Examples

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Input** | **Output** |  | **Input** | **Output** |  | **Input** | **Output** |
| [[4, 5, 6],  [6, 5, 4],  [5, 5, 5]] | true |  | [[11, 32, 45],  [21, 0, 1],  [21, 1, 1]] | false | [[1, 0, 0],  [0, 0, 1],  [0, 1, 0]] | true |