## 9.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 **every row** and **every column** are **equal**.

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

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** |