Two two-dimensional arrays are *isomorphic* if they have the same number of rows and each pair of respective rows contains the same number of elements.

Given two two-dimensional arrays, check if they are isomorphic.

**Example**

* For
* array1 = [[1, 1, 1],
* [0, 0]]

and

array2 = [[2, 1, 1],

[2, 1]]

the output should be  
areIsomorphic(array1, array2) = true;

* For
* array1 = [[2],
* []]

and

array2 = [[2]]

the output should be  
areIsomorphic(array1, array2) = false.

**Input/Output**

* **[time limit] 3000ms (cs)**
* **[input] array.array.integer array1**

*Constraints:*  
1 ≤ array1.length ≤ 5,  
0 ≤ array1[i].length ≤ 5,  
0 ≤ array1[i][j] ≤ 50.

* **[input] array.array.integer array2**

*Constraints:*  
1 ≤ array2.length ≤ 5,  
0 ≤ array2[i].length ≤ 5,  
0 ≤ array2[i][j] ≤ 50.

* **[output] boolean**

<https://codefights.com/arcade/code-arcade/list-backwoods/xKYm98etd9JRsTcZY>

static bool areIsomorphic(int[][] array1, int[][] array2)

{

if (array1.Length != array2.Length) return false;

for (int i = 0; i < array1.Length; i++)

{

if (array1[i].Length != array2[i].Length) return false;

}

return true;

}