

Given two sorted arrays  $\text{nums1}$  and  $\text{nums2}$  of size  $m$  and  $n$  respectively, return the median of the two sorted arrays.

The overall run time complexity should be  $O(\log(m+n))$ .

### Example 1:

Input:  $\text{nums1} = [1, 3]$ ,  $\text{nums2} = [2]$   
Output: 2.00000

