class Solution:

    def findMedianSortedArrays(self, nums1, nums2):

        # Merge the arrays into a single sorted array.

        merged = nums1 + nums2

        # Sort the merged array.

        merged.sort()

        # Calculate the total number of elements in the merged array.

        total = len(merged)

        if total % 2 == 1:

            # If the total number of elements is odd, return the middle element as the median.

            return float(merged[total // 2])

        else:

            # If the total number of elements is even, calculate the average of the two middle elements as the median.

            middle1 = merged[total // 2 - 1]

            middle2 = merged[total // 2]

            return (float(middle1) + float(middle2)) / 2.0