class Solution:

    def findMedianSortedArrays(self, nums1: List[int], nums2: List[int]) -> float:

        # Merge the two sorted arrays

        merged = sorted(nums1 + nums2)

        length = len(merged)

        # Check if the total length is even or odd

        if length % 2 == 0:

            # If even, return the average of the two middle elements

            return (merged[length // 2 - 1] + merged[length // 2]) / 2

        else:

            # If odd, return the middle element

            return merged[length // 2]