源代码如下:

```cpp
#include<iostream>
#include<vector>
using namespace std;
class Solution {
private:
    int findKthMinimum(const vector<int>& nums1, const vector<int>&
nums2,const int index1, const int index2, const int k) {
        int s1 = nums1.size(),
            s2 = nums2.size();

        if (index1 >= s1)
            return nums2[index2 + k - 1];
        if (index2 >= s2)
            return nums1[index1 + k - 1];
        if (k == 1)
            return min(nums1[index1], nums2[index2]);

        int index1_updated = min(index1 + k / 2 - 1, s1 - 1);
        int index2_updated = min(index2 + k / 2 - 1, s2 - 1);

        if (nums1[index1_updated] <= nums2[index2_updated])
            return findKthMinimum(nums1, nums2, index1_updated+1,
index2, k - (index1_updated - index1 + 1));
        else
            return findKthMinimum(nums1, nums2, index1,
index2_updated+1, k - (index2_updated - index2 + 1));

    }
public:
    double findMedianSortedArrays(vector<int>& nums1, vector<int>&
nums2) {
        int k = nums1.size() + nums2.size();
```

```cpp
        if(k&1)
            return findKthMinimum(nums1, nums2, 0, 0, k / 2 + 1);
        return (findKthMinimum(nums1, nums2, 0, 0, k / 2) +
findKthMinimum(nums1, nums2, 0, 0, k / 2 + 1)) / 2.0;
}
};
int main() {
    Solution test;
    //vector<int>nums1 = { 3,5,9,15,25,36,49,63 },
        //nums2 = { 1,2,4,8,16,32,64,128 };
    vector<int>nums1 = { -1,0,0,0,0,0,1 },
        nums2 = { 0,0,0,0,0 };
    //1,2,3,4,
    //5,8,9,15,
    //16,25,32,36,
    //49,63,64,128
    cout << "The median is: " << test.findMedianSortedArrays(nums1,
nums2) << endl;
}
```