

Browser tabs: (7) WhatsApp, Merge Sort, Kth Smallest, Median of Two Sorted Arrays, Sort Colors, First Bad Version, CU-Assignment, ASCII Value, Online C++, ...

Address bar: leetcode.com/problems/merge-sorted-array/submissions/1554707166/

Page Title: Problem List

Navigation: Description, Accepted, Editorial, Solutions, Submissions

← All Submissions

Accepted 59 / 59 testcases passed. samir12k submitted at Feb 25, 2025 13:13

Editorial Solution

Runtime: 0 ms | Beats 100.00% | Memory: 12.22 MB | Beats 70.67%

Analyze Complexity

Bar chart showing runtime performance across different test cases.

Code: C++

```
class Solution {
public:
    void merge(vector<int>& nums1, int m, vector<int>& nums2, int n) {
        for (int i = 0; i < n; i++) {
            nums1[m + i] = nums2[i];
        }
    }
};
```

Testcase

Case 1 Case 2 Case 3

nums1 = [1,2,3,0,0,0]

m = 3

nums2 = [2,5,6]

n = 3

Source

System tray: 22°C Cloudy, Search, 13:13 25-02-2025

Browser tabs: (7) WhatsApp, Merge Sort, Kth Smallest, Median of Two, Sort Colors, First Bad Version, CU-Assignments, ASCII Value, Online C++, +

Address bar: leetcode.com/problems/merge-sorted-array/


Page Header: Problem List, Accepted, Editorial, Solutions, Submissions

Submissions: All Submissions

Accepted 59 / 59 testcases passed. samir12k submitted at Feb 25, 2025 13:13

Runtime: 0 ms | Beats 100.00% | Memory: 12.22 MB | Beats 70.67%

Analyze Complexity



Code: C++

```
class Solution {
public:
    void merge(vector<int>& nums1, int m, vector<int>& nums2, int n) {
        for (int i = 0; i < n; i++) {
            nums1[m + i] = nums2[i];
        }
    }
};
```

Testcase | Test Result

Case 1 | Case 2 | Case 3 | +

nums1 = [1]

m = 1

nums2 = []

n = 0

Source

System tray: 22°C Cloudy, Search, 13:14 25-02-2025

Browser tabs: (7) WhatsApp, Merge Sort, Kth Smallest, Median of Two, Sort Colors, First Bad Version, CU-Assignments, ASCII Value, Online C++, +

Address bar: leetcode.com/problems/merge-sorted-array/

Page Header: Problem List, Description, Accepted, Editorial, Solutions, Submissions

Accepted 59 / 59 testcases passed. samir12k submitted at Feb 25, 2025 13:13

Runtime: 0 ms | Beats 100.00% | Memory: 12.22 MB | Beats 70.67%

Analyze Complexity

Code: C++

```
class Solution {
public:
    void merge(vector<int>& nums1, int m, vector<int>& nums2, int n) {
        for (int i = 0; i < m; i++) {
            // ...
        }
    }
};
```

Testcase

Case 1 Case 2 Case 3 +

nums1 = [0]

m = 0

nums2 = [1]

n = 1

Source

22°C Cloudy 13:14 25-02-2025

Browser tabs: (7) WhatsApp, Merge Sort, Kth Smallest, Median of Two Sorted Arrays, Sort Colors, First Bad Version, CU-Assignments, ASCII Value, Online C++.

URL: leetcode.com/problems/first-bad-version/submissions/1554707636/

Navigation: Problem List, Accepted, Editorial, Solutions, Submissions.

Submission Info: Accepted (24 / 24 testcases passed), samir12k submitted at Feb 25, 2025 13:14.

Performance Metrics:

- Runtime: 2 ms | Beats 54.45%
- Memory: 8.06 MB | Beats 3.87%

Complexity Analysis: [Analyze Complexity](#)

Bar Chart (Runtime):

Runtime (ms)	Percentage
1ms	~45%
2ms	~35%
3ms	~15%
4ms	~5%

Code Editor (C++):

```
class Solution {
public:
    int firstBadVersion(int n) {
```

Testcase / Test Result:

Accepted Runtime: 3 ms

Case 1:

Input:

n = 5

bad = 4

Output: 4

Expected: 4

Contribute a testcase

System Tray: 22°C Cloudy, Search, Windows, Chrome, 13:14 25-02-2025.

Browser tabs: (7) WhatsApp, Merge Sort, Kth Smallest, Median of Two, Sort Colors, First Bad Version, CU-Assignme, ASCII Value, Online C++, +

Address bar: leetcode.com/problems/first-bad-version/

Navigation: Problem List, Description, Accepted, Editorial, Solutions, Submissions

Submissions: All Submissions

Accepted 24 / 24 testcases passed. samir12k submitted at Feb 25, 2025 13:14

Buttons: Editorial, Solution

Runtime: 2 ms | Beats: 54.45% | Analyze Complexity

Memory: 8.06 MB | Beats: 3.87%

Bar chart showing runtime distribution:

Runtime	Percentage
1ms	~5%
2ms	~45%
3ms	~15%
4ms	~35%

Code: C++

```
class Solution {
public:
    int firstBadVersion(int n) {
```

Testcase | Test Result

Accepted Runtime: 3 ms

Case 1 Case 2

Input

n = 1

bad = 1

Output

1

Expected

1

Contribute a testcase

System tray: 22°C Cloudy, Search, 13:14 25-02-2025

Browser tabs: (7) WhatsApp, Kth Smallest Element, Median of Two Sorted Arrays, Sort Colors - LeetCode, CU-Assignments/Exercises, ASCII Value Program, Online C++ Compiler, +

Address bar: leetcode.com/problems/sort-colors/submissions/1554708578/

Navigation: Problem List, Description, Editorial, Solutions, Accepted, Submissions

Accepted 89 / 89 testcases passed. samir12k submitted at Feb 25, 2025 13:15

Runtime: 0 ms | Beats 100.00% | Memory: 11.41 MB | Beats 91.92%

Bar chart showing performance comparison across different test cases (1ms to 4ms).

Code (C++):

```
class Solution {
public:
    void sortColors(vector<int>& nums) {
        // low = 0, mid = 0, high = nums.size() - 1;
```

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 Case 2

Input

nums = [2,0,2,1,1,0]

Output

[0,0,1,1,2,2]

Expected

[0,0,1,1,2,2]

Contribute a testcase

System tray: 22°C Cloudy, Search, Windows logo, Taskbar icons, ENG IN, 13:15 25-02-2025

Browser tabs: (7) WhatsApp, Kth Smallest Element, Median of Two Sorted Arrays, Sort Colors - LeetCode, CU-Assignments/..., ASCII Value Program, Online C++ Compiler, +

Address bar: leetcode.com/problems/sort-colors/

Navigation: Problem List, Description, Editorial, Solutions, Accepted, Submissions

Accepted 89 / 89 testcases passed. samir12k submitted at Feb 25, 2025 13:15

Runtime: 0 ms | Beats 100.00% | Memory: 11.41 MB | Beats 91.92%

Bar chart showing performance comparison across different test cases (1ms to 4ms).

Code (C++):

```
class Solution {
public:
    void sortColors(vector<int>& nums) {
        int low = 0, mid = 0, high = nums.size() - 1;
```

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 Case 2

Input: nums = [2, 0, 1]

Output: [0, 1, 2]

Expected: [0, 1, 2]

Contribute a testcase

System tray: 22°C Cloudy, Search, Windows logo, Taskbar icons, ENG IN, 13:15 25-02-2025

Browser tabs: (7) WhatsApp, Kth Smallest Element in a..., Median of Two Sorted Arr..., CU-Assignments/experim..., ASCII Value Program, Online C++ Compiler - Pr...

URL: leetcode.com/problems/median-of-two-sorted-arrays/submissions/1554709179/

Navigation: Problem List, Description, Accepted, Editorial, Solutions, Submissions

Submission Info: Accepted, 2096 / 2096 testcases passed, samir12k submitted at Feb 25, 2025 13:16

Performance: Runtime 7 ms (Beats 11.79%), Memory 95.81 MB (Beats 27.13%)

Complexity Analysis: [Analyze Complexity](#)

Code Editor (C++):

```
class Solution {
public:
    double findMedianSortedArrays(vector<int>& nums1, vector<int>& nums2) {
```

Testcase: Accepted, Runtime: 0 ms

Case 1:

Input:

nums1 = [1,3]

nums2 = [2]

Output: 2.00000

Expected: 2.00000

System Tray: 22°C Cloudy, Search, 13:16 25-02-2025

Accepted 2096 / 2096 testcases passed
samir12k submitted at Feb 25, 2025 13:16

Runtime: 7 ms Beats 11.79%
[Analyze Complexity](#)

Memory: 95.81 MB Beats 27.13%

```

class Solution {
public:
    double findMedianSortedArrays(vector<int>& nums1, vector<int>& nums2) {
        // Initialization some necessary variables
    }
};
  
```

Code
C++ Auto

```

1 class Solution {
2 public:
3     double findMedianSortedArrays(vector<int>& nums1, vector<int>& nums2) {
4         // Initialization some necessary variables
5     }
6 };
  
```

Ln 23, Col 1 - Saved

Testcase **Test Result**

Accepted Runtime: 0 ms

- Case 1
- Case 2

Input

nums1 = [1,2]

nums2 = [3,4]

Output

2.50000

Expected

2.50000

Browser tabs: (7) WhatsApp, Kth Smallest Element in a Sorted Matrix, CU-Assignments/experiment-5, ASCII Value Program, Online C++ Compiler - Program, +


Address bar: leetcode.com/problems/kth-smallest-element-in-a-sorted-matrix/

Page Header: Problem List, Description, Editorial, Solutions, Accepted, Submissions

Accepted 87 / 87 testcases passed. samir12k submitted at Feb 25, 2025 13:16

Runtime: 0 ms | Beats 100.00% | Memory: 17.07 MB | Beats 84.65%

Analyze Complexity



Code: C++

```
class Solution {
public:
    int kthSmallest(vector<vector<int>>& matrix, int k) {
```

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 Case 2

Input

matrix =

```
[[1,5,9],[10,11,13],[12,13,15]]
```

k =

8

Output

13

Expected

13

System tray: 22°C Cloudy, Search, Windows logo, Taskbar icons, ENG IN, 13:17 25-02-2025

Browser tabs: (7) WhatsApp, Kth Smallest Element in a Sorted Matrix, CU-Assignments/experiment-5, ASCII Value Program, Online C++ Compiler - Program, +

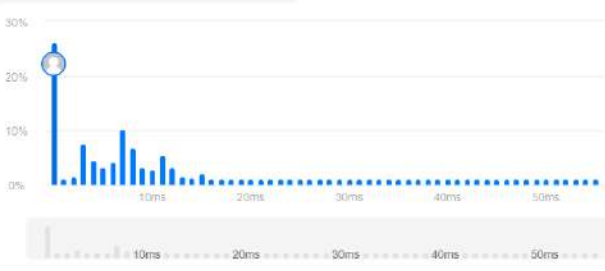
Address bar: leetcode.com/problems/kth-smallest-element-in-a-sorted-matrix/

Page Header: Problem List, Description, Editorial, Solutions, Accepted, Submissions

Accepted 87 / 87 testcases passed. samir12k submitted at Feb 25, 2025 13:16

Runtime: 0 ms | Beats 100.00% | Memory: 17.07 MB | Beats 84.65%

Analyze Complexity



Code: C++

```
class Solution {
public:
    int kthSmallest(vector<vector<int>>& matrix, int k) {
```

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 Case 2

Input

matrix =
[[-5]]

k =
1

Output
-5

Expected
-5

System tray: 22°C Cloudy, Search, Windows logo, Taskbar icons, ENG IN, 13:17 25-02-2025