[LeetCode](https://leetcode.com/problems/minimum-common-value/submissions/1198310429/?envType=daily-question&envId=2024-03-09)

<https://github.com/AdityaKonda6/-50DaysOfCoding>

<https://leetcode.com/problems/minimum-common-value/submissions/1198310429/?envType=daily-question&envId=2024-03-09>

<https://www.linkedin.com/in/aditya-adi-konda/>

Day 19 of [#50dayscodingchallenge](https://www.linkedin.com/feed/hashtag/?keywords=50dayscodingchallenge&highlightedUpdateUrns=urn:li:activity:7166316239483461633):  
[#leetcode](https://www.linkedin.com/feed/hashtag/?keywords=leetcode&highlightedUpdateUrns=urn:li:activity:7166316239483461633) [#leetcodechallenge](https://www.linkedin.com/feed/hashtag/?keywords=leetcodechallenge&highlightedUpdateUrns=urn:li:activity:7166316239483461633) [#leetcodestreak](https://www.linkedin.com/feed/hashtag/?keywords=leetcodestreak&highlightedUpdateUrns=urn:li:activity:7166316239483461633) [#leetcode2024](https://www.linkedin.com/feed/hashtag/?keywords=leetcode2024&highlightedUpdateUrns=urn:li:activity:7166316239483461633) [#leetcode50day](https://www.linkedin.com/feed/hashtag/?keywords=leetcode50day&highlightedUpdateUrns=urn:li:activity:7166316239483461633)  
   
Just kicked off my coding journey with a fascinating problem - "Successfully solved LeetCode Problem “2540. Minimum Common Value” !”  
   
✨ Task: Given two integer arrays nums1 and nums2, sorted in non-decreasing order, return the minimum integer common to both arrays. If there is no common integer amongst nums1 and nums2, return -1.

Note that an integer is said to be common to nums1 and nums2 if both arrays have at least one occurrence of that integer.

Examples:

Example 1:

Input: nums1 = [1,2,3], nums2 = [2,4]

Output: 2

Explanation: The smallest element common to both arrays is 2, so we return 2.

Example 2:

Input: nums1 = [1,2,3,6], nums2 = [2,3,4,5]

Output: 2

Explanation: There are two common elements in the array 2 and 3 out of which 2 is the smallest, so 2 is returned.

Let's Connect:

If you find this problem intriguing or have insights to share, let's connect! I'm passionate about problem-solving, algorithmic thinking, and collaborative learning. Feel free to comment or reach out for engaging discussions and knowledge exchange.Unravel the mystery using your coding skills!

[#CodingChallenge](https://www.linkedin.com/feed/hashtag/?keywords=codingchallenge&highlightedUpdateUrns=urn:li:activity:7166316239483461633) [#Algorithm](https://www.linkedin.com/feed/hashtag/?keywords=algorithm&highlightedUpdateUrns=urn:li:activity:7166316239483461633) [#LinkedInPost](https://www.linkedin.com/feed/hashtag/?keywords=linkedinpost&highlightedUpdateUrns=urn:li:activity:7166316239483461633) #Algorithm #Optimization #DataStructures #CodingChallenge  
  
Excited about the progress and challenges ahead!  
   
Make Sure You Follow My GitHub For Solutions: <https://github.com/AdityaKonda6/-50DaysOfCoding>  
  
  
Happy coding!

**Solution:-**

class Solution {

 public:

  int getCommon(vector<int>& nums1, vector<int>& nums2) {

    int i = 0;  // nums1's index

    int j = 0;  // nums2's index

    while (i < nums1.size() && j < nums2.size()) {

      if (nums1[i] == nums2[j])

        return nums1[i];

      if (nums1[i] < nums2[j])

        ++i;

      else

        ++j;

    }

    return -1;

  }

};

