

Find the Prefix Common Array of Two Arrays (/contest/biweekly-contest-103/problems/find-the-prefix-common-array-of-two-arrays/)

Submission Detail

1773 / 1773 test cases passed.

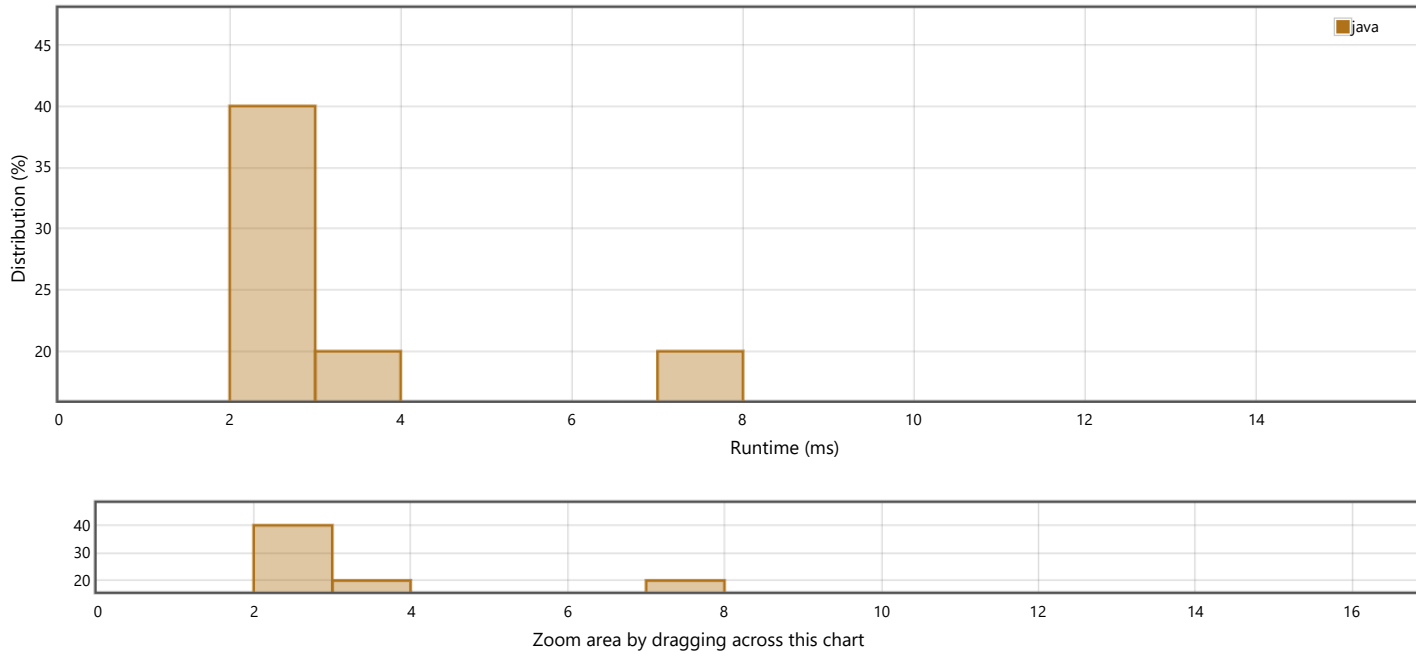
Runtime: **72 ms**

Memory Usage: **43.6 MB**

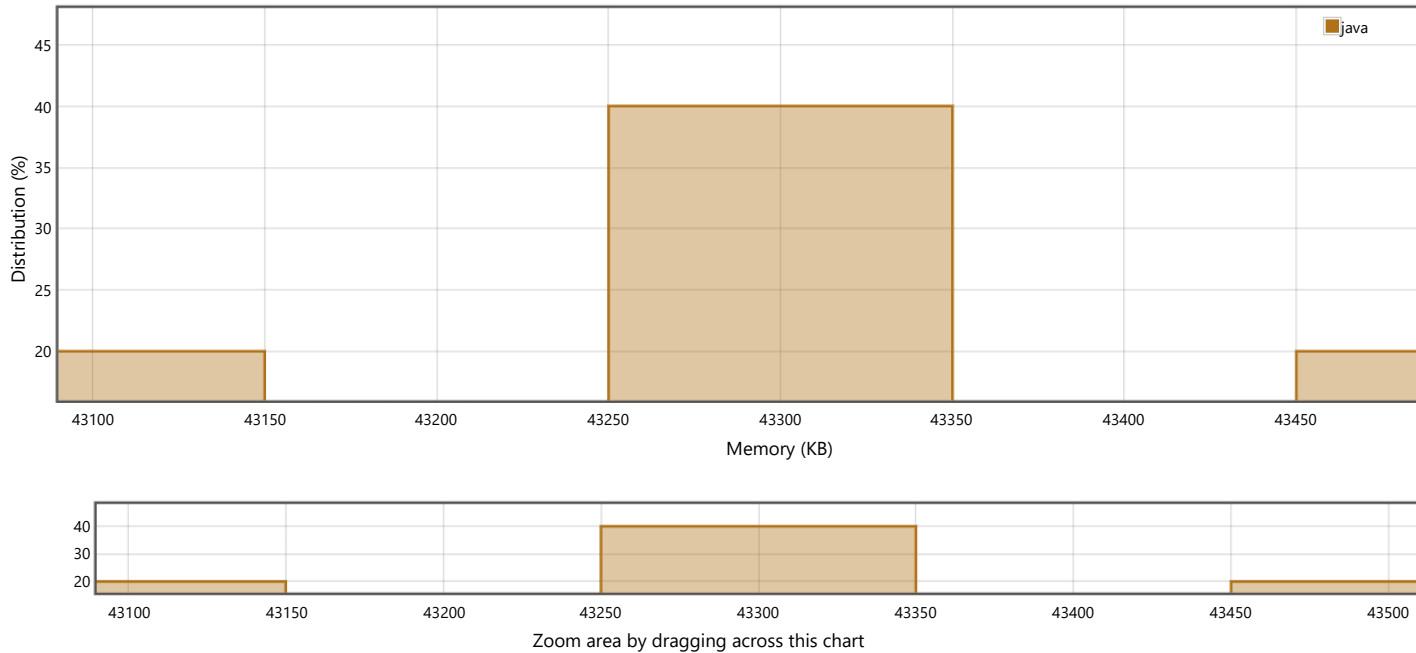
Status: **Accepted**

Submitted: **12 hours, 53 minutes ago**

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution



Invite friends to challenge **Find the Prefix Common Array of Two Arrays**

Submitted Code: 12 hours, 53 minutes ago

Language: java

Edit Code

```
1 class Solution {
```

```


1  // O(N^2)
2  public int[] findThePrefixCommonArray(int[] A, int[] B) {
3      int n = A.length;
4      int[] C = new int[n];
5
6      for(int i=0;i<n;i++)
7      {
8          Map<Integer, Integer> mpa = new HashMap<>();
9          Map<Integer, Integer> mpb = new HashMap<>();
10         for(int j=0;j<=i;j++)
11         {
12             mpa.put(A[j], mpa.getOrDefault(A[j], 0) + 1);
13             mpb.put(B[j], mpb.getOrDefault(B[j], 0) + 1);
14         }
15         int ans=0;
16         for(int k=0;k<=i;k++)
17         {
18             if(mpa.containsKey(A[k]) && mpb.containsKey(A[k]))
19             {
20                 ans += Math.min(mpa.get(A[k]), mpb.get(A[k]));
21             }
22         }
23         C[i] = ans;
24     }
25     return C;
26 }
27 }
28

```

[Back to problem \(/contest/biweekly-contest-103/problems/find-the-prefix-common-array-of-two-arrays/\)](/contest/biweekly-contest-103/problems/find-the-prefix-common-array-of-two-arrays/)

Copyright © 2023 LeetCode

[Help Center \(/support/\)](/support/) | [Jobs \(/jobs\)](/jobs/) | [Bug Bounty \(/bugbounty\)](/bugbounty/) | [Online Interview \(/interview/\)](/interview/) | [Students \(/student\)](/student/) | [Terms \(/terms\)](/terms/) | [Privacy Policy \(/privacy\)](/privacy/)

 [United States \(/region\)](/region/)