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

Submission Detail

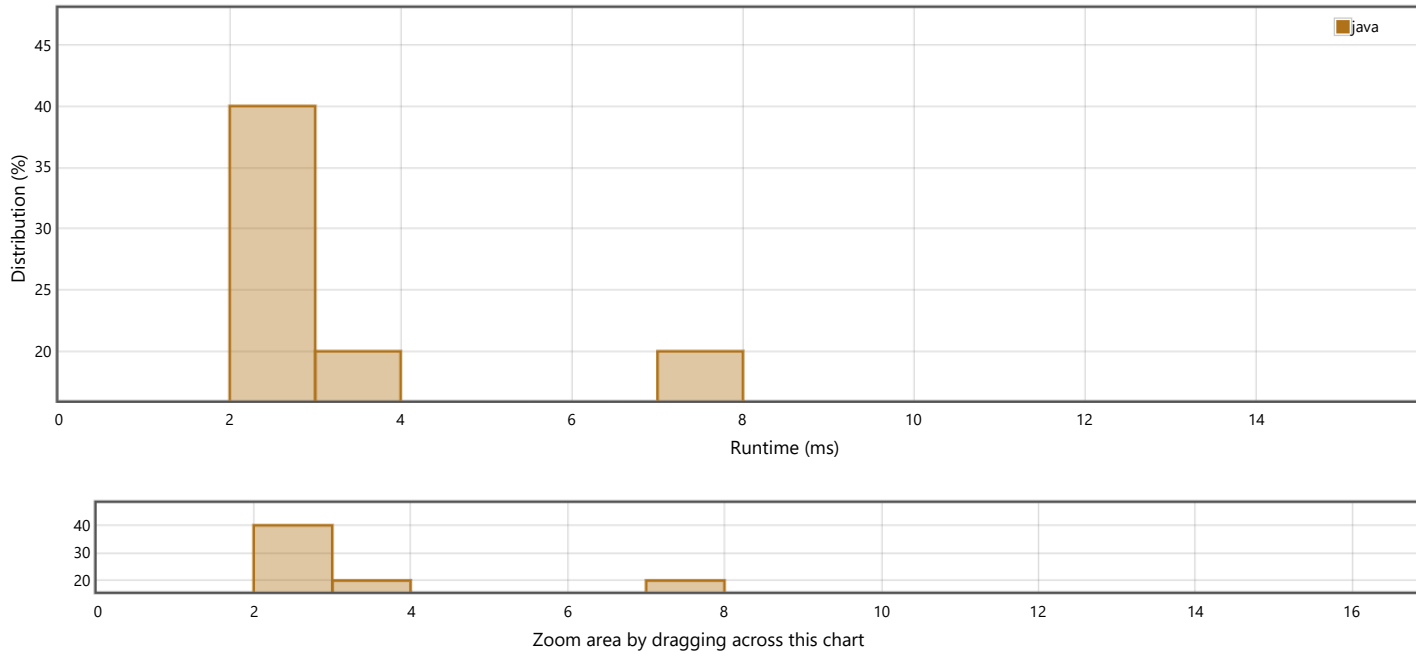**1773 / 1773** test cases passed.
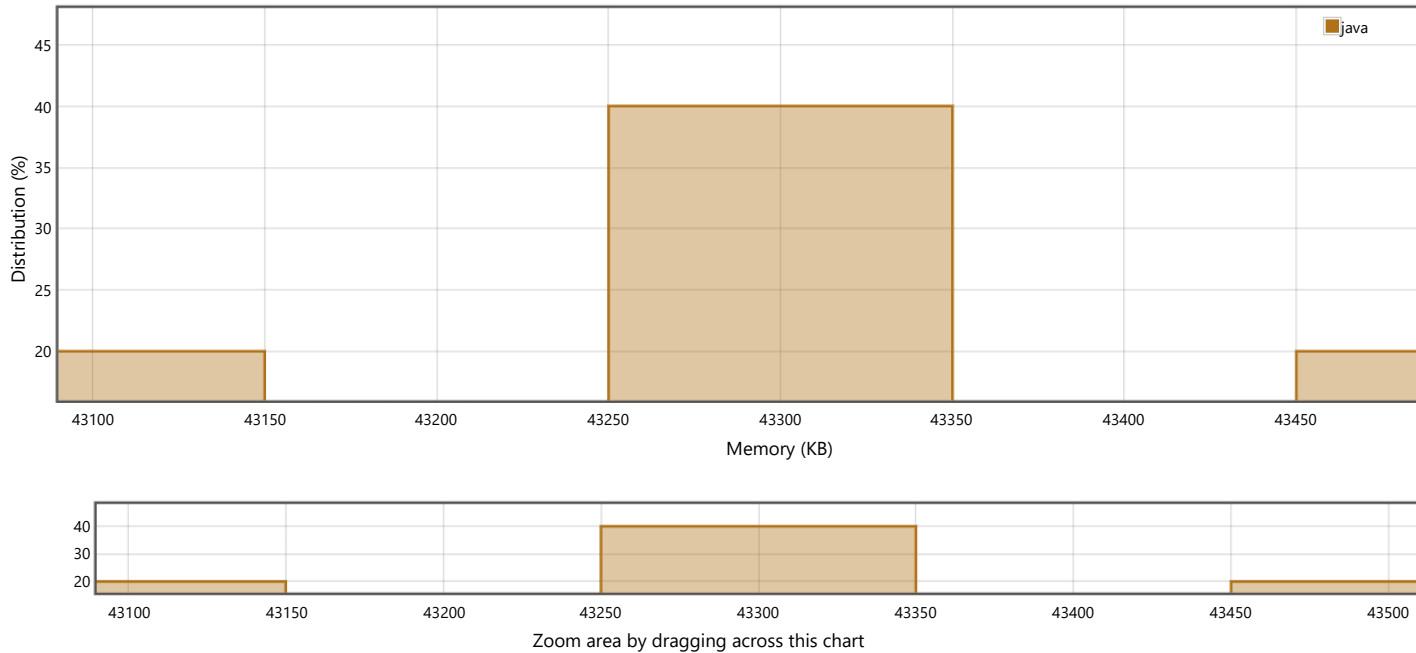
Runtime: **72 ms**
Memory Usage: **43.6 MB**

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**

6

Submitted Code: 12 hours, 53 minutes ago

Language: java

Edit Code

```
1   class Solution {
```

```java
class Solution {
    public int[] findThePrefixCommonArray(int[] A, int[] B) {
        int n = A.length;
        int[] C = new int[n];

        for(int i=0;i<n;i++)
        {
            Map<Integer, Integer> mpa = new HashMap<>();
            Map<Integer, Integer> mpb = new HashMap<>();
            for(int j=0;j<=i;j++)
            {
                mpa.put(A[j], mpa.getOrDefault(A[j], 0) + 1);
                mpb.put(B[j], mpb.getOrDefault(B[j], 0) + 1);
            }
            int ans=0;
            for(int k=0;k<=i;k++)
            {
                if(mpa.containsKey(A[k]) && mpb.containsKey(A[k]))
                {
                    ans += Math.min(mpa.get(A[k]), mpb.get(A[k]));
                }
            }
            C[i] = ans;
        }
        return C;
    }
}
```

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