

Coding Area **05** Hr **58** Min **56** Sec C D E F В Guidelines **Coding Area ONLINE EDITOR (B)** Factor of 3 **Public Testcase Submissions** - Problem Description **Private Testcase Submissions** Given an array arr, of size N, find whether it is possible to rearrange the elements of array such that sum of no two adjacent elements is divisible by 3. **Unevaluated Submissions** Constraints Feedback Form 1 <= T <= 10 Graphs 2 <= N <= 10^5 Zone 1 Statistics 1 <= arr[i] <= 10^5 Input First line contains integer T denoting the number of testcases. Each test cases consists of 2 lines as follows-First line contains integer N denoting the size of the array. Second line contains N space separated integers. Output For each test case print either "Yes" or "No" (without quotes) on new line. Time Limit Examples Example 1 Input 4 1233 Output Yes Explanation Some of the rearrangements can be {2,1,3,3}, {3,3,1,2}, {2,3,3,1}, {1,3,3,2},... We can see that there exist at least 1 combination {3,2,3,1} where sum of 2 adjacent number is not divisible by 3. Other combinations can be {1,3,2,3}, {2,3,1,3}. Hence the output is Yes. Example 2 Input 1 3619 Output No Explanation All possible combination of {3,6,1,9} are {1,3,6,9}, {1,3,9,6}, {1,6,9,3}, {1,6,3,9}, {1,9,3,6}, {1,9,6,3}, {6,1,3,9}, {6,1, 9,3}, {6,3,1,9}, {6,3,9,1}, {6,9,1,3}, {6,9,3,1}, {3,1,6,9}, {3,1,9,6}, {3,9,1,6}, {3,9,6,1}, {3,6,1,9}, {3,6,9,1}, {9,1,3,6}, {9,1,6,3}, {9,3,1,6}, {9,3,6,1}, {9,6,1,3}, {9,6,3,1}. Since none of these combinations satisfy the condition, the output is No. Upload Solution [Question : B] I, abhijeet singh confirm that the answer submitted is my own. ☐ Took help from online sources (attributions)

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