 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 3	Name : VEDANT BHARAD	
Day : 51	Date : 07/12/2022	Enrollment No: 92100133023


CP Club 365Days Challenge

Date – 07/12/2022

Programming language – c++

Problem Statement


[https://practice.geeksforgeeks.org/problems/reverse-array-in-groups0255/1?page=1&difficulty\[\]=-1&category\[\]=Arrays&curated\[\]=1&sortBy=submissions](https://practice.geeksforgeeks.org/problems/reverse-array-in-groups0255/1?page=1&difficulty[]=-1&category[]=Arrays&curated[]=1&sortBy=submissions)

 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 3	Name : VEDANT BHARAD	
Day : 51	Date : 07/12/2022	Enrollment No: 92100133023

Your Code:

```
// 0x51Day of 0x365Days challenge
// VEDANT BHARAD
// 07-12-2022
//{ Driver Code Starts
//Initial template for C++
#include <bits/stdc++.h>
using namespace std;
// } Driver Code Ends
//User function template for C++
class Solution{
public:
    //Function to reverse every sub-array group of size k.
    void reverseInGroups(vector<long long>& arr, int n, int k){
        int index=0;
        while (index<n-k)
        {
            int temp,i=index,j=index+k-1;
            while (i<j){
                temp=arr[i];
                arr[i]=arr[j];
                arr[j]=temp;
                i++;
                j--;
            }
            index=index+k;
        }
        k=n%k;
        int temp,i=index,j=index+k-1;
        while (i<j){
            temp=arr[i];
            arr[i]=arr[j];
            arr[j]=temp;
            i++;
            j--;
        }
    }
};

//{ Driver Code Starts.
int main() {
    int t;
    cin >> t;
    while(t--){
        int n;
        cin >> n;
        vector<long long> arr;
        int k;
        cin >> k;
        for(long long i = 0; i<n; i++){
            long long x;
            cin >> x;
            arr.push_back(x);
        }
    }
}
```

 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 3	Name : VEDANT BHARAD	
Day : 51	Date : 07/12/2022	Enrollment No: 92100133023

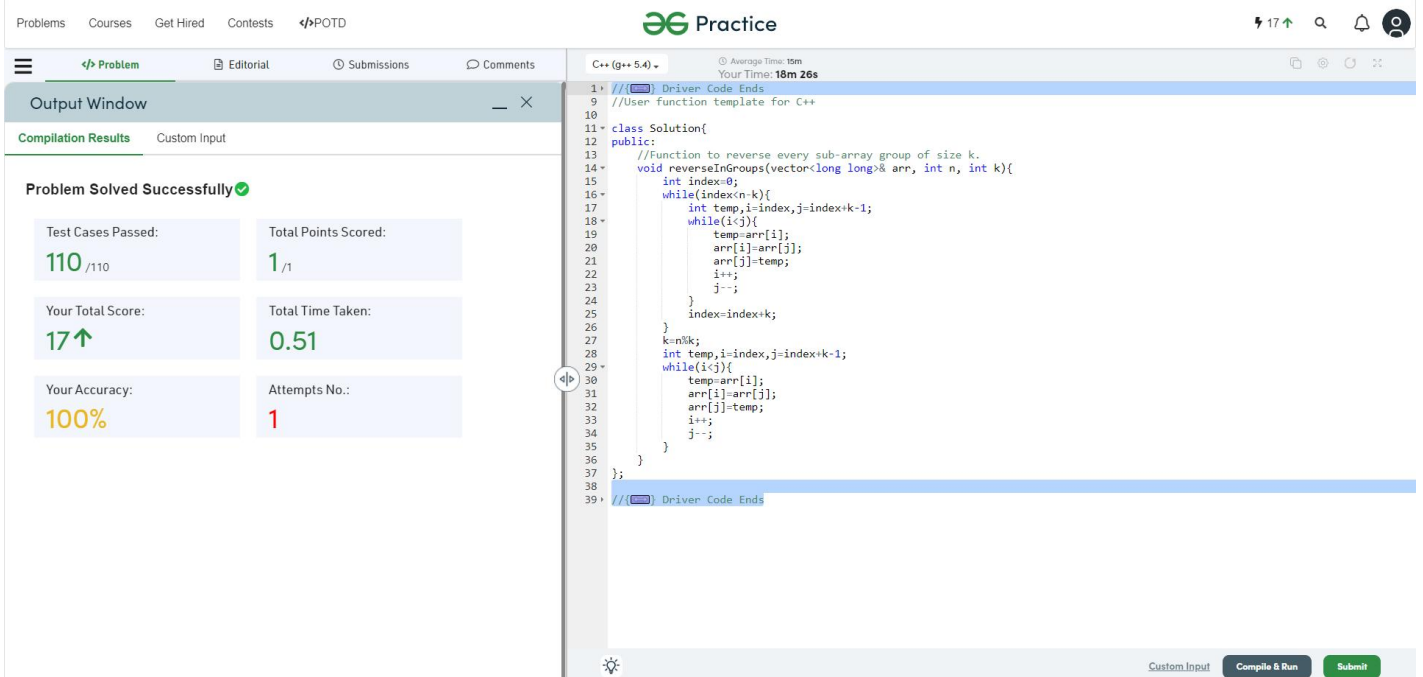
```

    }
    Solution ob;
    ob.reverseInGroups(arr, n, k);

    for(long long i = 0; i<n; i++){
        cout << arr[i] << " ";
    }
    cout << endl;
}
return 0;
// } Driver Code Ends

```

Output (Screen Shot):



The screenshot shows a C++ practice interface. On the left, a summary box indicates the problem was solved successfully with 110/110 test cases passed, 1 point scored, a total score of 17, a time taken of 0.51, 100% accuracy, and 1 attempt. On the right, the C++ code is displayed, showing a class `Solution` with a method `reverseInGroups` that reverses every sub-array group of size `k`.

Understanding about problem:

1. In this task there are three inputs length of array , k value and array it self.
2. In this task I need to change index of array element as per given k value ,if k is 3 then I need to make part of array in k elements and reverse only that k element

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

ALL THE BEST

Team CP Club