

Day 52 coding Statement : Given an integer array of size N, write a program to reverse the array;

Sample input 1:

4

2 4 1 3

Sample output 1:

3 1 4 2

Sample input 2:

5

1 5 7 5 3

Sample output 2:

3 5 7 5 1

```
import java.util.Arrays;
import java.util.Scanner;

public class RatanPrajapati_day52 {
    static void swap(int arr[], int start, int end) {
        arr[start] = arr[start] ^ arr[end];
        arr[end] = arr[start] ^ arr[end];
        arr[start] = arr[start] ^ arr[end];
    }

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();
        int vec1[] = new int[n];
        for (int i = 0; i < n; i++) {
            vec1[i] = sc.nextInt();
        }
        for (int i = 0; i < n / 2; i++) {
            swap(vec1, i, n - i - 1);
        }
        int sum = 0;
        for (int i = 0; i < n; i++) {
            System.out.print(vec1[i] + " ");
        }
    }
}
```