import java.util.\*;

class MidArray{

    public static void main(String[] args){

        Scanner sc=new Scanner(System.in);

        System.out.println("How many element do you want to put?");

        int n=sc.nextInt();

        int arr[]=new int[n];

//Element input

        System.out.println("Enter the element:");

          for(int i=0;i<n;i++){

            arr[i]=sc.nextInt();

            }

//For showing entered element

        System.out.println("You have entered:");

          for(int i=0;i<n;i++){

             System.out.print(arr[i]);

            }

            System.out.println();

//For printing element

           int i;

            for(i=0;i<n/2;i++)

             System.out.print(arr[i]+" ");

            System.out.println();

            for(i=n-1;i>=n/2;i--)

              System.out.print(arr[i]+" ");

    }

}

**OUTPUT:**

How many element do you want to put?

6

Enter the element:

1

2

3

4

5

6

You have entered:

123456

1 2 3

6 5 4