```java
import java.util.*;

public class Main
{
        public static void main(String[] args) {
                Scanner in =new Scanner(System.in);
                int n = in.nextInt(),temp;
                int arr[]=new int[n];
                for(int i=0;i<n;i++){
                   arr[i]=in.nextInt();
                }
                temp=arr[0];
                for(int i=0;i<n-1;i++){
                   arr[i]=arr[i+1];
                }
                arr[n-1]=temp;
                for(int i=0;i<n;i++){
                   System.out.print(arr[i]+" ");
                }

        }
}
```