## Queue Using Array

* Write a program to implement Queue using array.

**Input Format**

* First Line array size
* Second line array elements

**Constraints**

* No

**Output Format**

* Print the elements from queue

**Sample Input 0**

5

1 2 3 4 5

**Sample Output 0**

1 2 3 4 5

//SOURCE CODE

import java.io.\*;

import java.util.\*;

public class Solution {

public static void main(String[] args) {

Queue q=new Queue();

Scanner sc= new Scanner(System.in);

int n=sc.nextInt();

int val;

for(int i=0;i<n;i++){

val=sc.nextInt();

q.enqueue(val);

}

q.display();

}

}

class Queue{

int front,rear, len=0;

int arr[]=new int[100];

Queue(){

front=-1;

rear=-1;

}

public void enqueue(int val){

if(rear==-1)

front++;

arr[++rear]=val;

len++;

}

public void display(){

for (int i=0;i<len;i++)

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

}

}