**Name: Varsha JJ**

**Roll No: 48**

**Batch: B**

**Date: 31/05/22**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 8**

**Aim**

Program to demonstrate the addition and deletion of elements in dequeue**.**

**PROCEDURE**

import java.util.\*;

public class Dequeue

{

public static void main(String[] args) {

Deque<Integer> deque = new ArrayDeque<Integer>();

Scanner sc=new Scanner(System.in);

System.out.println("enter the limit:");

int n=sc.nextInt();

System.out.println("enter the numbers to be inserted: ");

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

{

Integer obj=sc.nextInt();

deque.add(obj);

}

deque.pop();

System.out.println("After popping : ");

for (Integer integer : deque) {

System.out.println(integer);

}

deque.remove(3);

System.out.println("Removing the element 3:"+deque);

}

}

**Output**

