**Name: VISHNU SADASIVAN**

**Roll No:52**

**Batch:mca-B**

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**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 27**

**Aim:**

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

**Program:**

import java.util.\*;

public class ques08 {

public static void main(String[] args) {

Scanner sc= new Scanner(System.in);

Deque<String> deque= new LinkedList<String>();

deque.add("Item 1 - Tail");

deque.addFirst("Item 2 - Head");

deque.addLast("Item 3 - Tail");

deque.push("Item 4 - Head");

deque.offer("Item 5 - Tail");

deque.offerFirst("Item 6 - Head");

System.out.println(deque + "\n");

deque.removeFirst();

deque.removeLast();

System.out.println("Deque after removing first and last: "+deque);

sc.close();

}

}

**OUTPUT:**

