**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 8**

**Aim**

**program to demonstrate the addition and deletion in deque.**

**PROCEDURE**

import java.util.\*;

class deque

{

public static void main(String[] args)

{

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

deque.add("Element 1 (Tail)");

deque.addFirst("Element 2 (Head)");

deque.addLast("Element 3 (Tail)");

deque.push("Element 4 (Head)");

deque.offer("Element 5 (Tail)");

deque.offerFirst("Element 6 (Head)");

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

deque.removeFirst();

deque.removeLast();

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

}

}

**Output**

