OBJECT ORIENTED PROGRAMMING LAB

Name: Mathew Sebastian

Roll No: 18

Batch: S2 RMCA B

Date: 07-06-2022

Experiment No:(co4)28

Aim

Program to demonstrate the addition and deletion of elements 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 Screenshot