## OBJECT ORIENTED PROGRAMMING LAB

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**Batch: MCA B**

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## Experiment No : 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: