OBJECT ORIENTED PROGRAMING LAB

Experiment No.: 30

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Batch : B

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Aim

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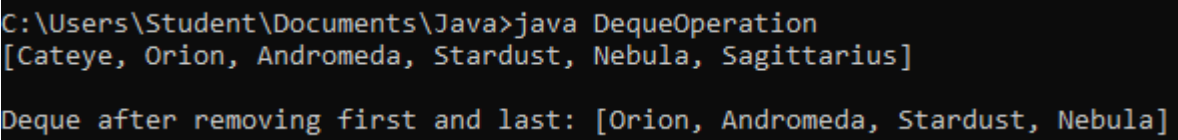
Source Code

```
import java.util.*;
 class DequeOperation{
      public static void main(String[] args){
      Deque<String> deque = new LinkedList<String>();
      deque.add("Stardust");
      deque.addFirst("Andromeda");
      deque.addLast("Nebula");
      deque.push("Orion");
      deque.offer("Sagittarius");
      deque.offerFirst("Cateye");
      System.out.println(deque + "\n");
      deque.removeFirst();
      deque.removeLast();System.out.println("Deque after removing " + "first and last: "
+ deque);
}
}
```

Output Screenshot

```
C:\Users\Student\Documents\Java>java DequeOperation
[Cateye, Orion, Andromeda, Stardust, Nebula, Sagittarius]

Deque after removing first and last: [Orion, Andromeda, Stardust, Nebula]
```