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9. Write a program in Java to insert and remove elements in a queue
import java.util.Queue;
import java.util.LinkedList;
public class QueueExample {
  public static void main(String[] args) {
    // Create a queue
    Queue<String> queue = new LinkedList<>();
    // Insert elements into the queue
    queue.offer("Apple");
    queue.offer("Banana");
    queue.offer("Cherry");
    System.out.println("Initial Queue: " + queue);
    // Remove elements from the queue
    String removedElement = queue.poll();
    System.out.println("Removed Element: " + removedElement);
    System.out.println("Queue after removal: " + queue);
    // Insert a new element
    queue.offer("Durian");
    System.out.println("Queue after insertion: " + queue);
  }
}
OUTPUT:
Initial Queue: [Apple, Banana, Cherry]
Removed Element: Apple
Queue after removal: [Banana, Cherry]
```

Queue after insertion: [Banana, Cherry, Durian]