// Insert and remove elements in queue

import java.util.\*;

public class Queue {

public static void main(String[] args) {

Queue<String> locationsQueue = new LinkedList<>();

locationsQueue.add("Kolkata");

locationsQueue.add("Patna");

locationsQueue.add("Delhi");

locationsQueue.add("Gurgaon");

locationsQueue.add("Noida");

System.out.println("Queue is: " + locationsQueue);

System.out.println("Head of Queue: " + locationsQueue.peek());

// Use poll() instead of remove() to avoid exceptions when the queue is empty

String removedLocation = locationsQueue.poll();

if (removedLocation != null) {

System.out.println("After removing Head of Queue: " + locationsQueue);

} else {

System.out.println("Queue is empty. Cannot remove the head.");

}

System.out.println("Size of Queue: " + locationsQueue.size());

}

}