import java.util.LinkedList;

import java.util.Queue;

public class QueueExample {

public static void main(String[] args) {

Queue<Integer> queue = new LinkedList<>();

// Insert elements into the queue

queue.offer(10);

queue.offer(20);

queue.offer(30);

queue.offer(40);

queue.offer(50);

System.out.println("Queue elements after insertion: " + queue);

// Remove elements from the queue

int removedElement = queue.poll();

System.out.println("Removed element: " + removedElement);

System.out.println("Queue elements after removal: " + queue);

// Peek the front element without removing

int frontElement = queue.peek();

System.out.println("Front element: " + frontElement);

}

}