// Let Queue, q = {1,2,3,4,5}

Stack stack = new Stack();

while(!q.isEmpty()){

stack.push(q.dequeue());

}

//after pushing into the stack the result is [1,2,3,4,5]

while(!stack.isEmpty()) {

q.enqueue(stack.pop());

}

// after enqueue the result is [5,4,3,2,1]