package day2;

import java.util.List;

public class Insert\_Interval {

public List<Interval> insert(List<Interval> intervals, Interval newInterval) {

int i = 0;

while(i < intervals.size() && intervals.get(i).end < newInterval.start) {

i++;

}

while(i < intervals.size() && intervals.get(i).start <= newInterval.end) {

newInterval = new Interval(Math.min(intervals.get(i).start, newInterval.start), Math.max(intervals.get(i).end, newInterval.end));

intervals.remove(i);

}

intervals.add(i, newInterval);

return intervals;

}

public static void main(String[] args) {

}