package sortexample;

import java.util.ArrayList;

public class SortExample {

public static void main(String[] args) {

ArrayList<Integer> number = new ArrayList<Integer>();

number.add(6);

number.add(77);

number.add(12);

number.add(43);

number.add(9);

//The following uses a modified bubble sort

//To sort the data according to the name in ascending order

int temp;

for(int i=0;i<5;i++){ //can use number.size() in place of 5

for(int j=0;j<4;j++){ //This is always one less

if(number.get(j)>(number.get(j+1))){

//This part swaps the numbers that are out of order

temp=number.get(j);

number.set(j, number.get(j+1));

number.set(j+1,temp);

}

}

}

for(int i=0;i<5;i++){

System.out.println(number.get(i));

}

}

}