BUBBLE SORT IN JAVA

import java.util.Scanner;

public class BubbleSort {

public static void main(String []args) {

int i,j,temp,limit;

Scanner sc = new Scanner(System.in);

System.out.println("Enter the limit of the numbers:");

limit = sc.nextInt();

int array[] = new int[limit];

System.out.println("Enter " + limit + " numbers: ");

for (i = 0; i <limit; i++)

array[i] = sc.nextInt();

for (i = 0; i < ( limit - 1 ); i++) {

for (j = 0; j < limit - i - 1; j++) {

if (array[j] > array[j+1]) *//swap the elements if first one is greater than second*

{

temp = array[j];

array[j] = array[j+1];

array[j+1] = temp;

}

}

}

System.out.println("\*\*\*\*\*\*Sorted list\*\*\*\*\*\*");

for (i = 0; i < limit; i++)

System.out.println(array[i]);

}

}