/\*

\*pre: list != null;

\*post: sort the elements of list so that they are in ascending order

\*/

public static void bubblesort(int[] list)

{

int temp;

boolean changed = true;

for(int i = 0; i < list.length && changed; i++)

{ changed = false;

for(int j = 0; j < list.length - i - 1; j++)

{

if(list[j] > list[j+1])

{ changed = true;

temp = list[j + 1];

list[j + 1] = list[j];

list[j] = temp;

}

}

}

}