/\*

\* Aaron Knestaut

\* Period A

\* 9.18.15

\*

\* \*\*\*\*\*Program Description\*\*\*\*\*

\* This program takes 7 user inputed names, and sorts them alphabetically.

\* \*\*\*\*\*Variable Dictionary\*\*\*\*\*

\* String names - keeps track of original entries

\* String sorted - Keeps track of sorted names

\* int namecount - keeps track of how many names have been inputed

\* int listcount - keeps track of what block is having data inputed

\*/

import javax.swing.JOptionPane;

public class NameSort

{

public static void main (String args [])

{

String sort [] = new String [8];

String names, sorted;

int namecount = 1;

int listcount = 1;

while (listcount <= 7)

{

sort [listcount] = JOptionPane.showInputDialog (null, "Name " + namecount +":");

namecount = namecount + 1;

listcount = listcount + 1;

}

names = (sort [1] + "\n" + sort [2] + "\n" + sort [3] + "\n" + sort [4] + "\n" + sort [5] + "\n" + sort [6] + "\n" + sort [7] + "\n");

for (int s = 1; s < 7; s++)

{

for (int d = s + 1; d <= 7; d++)

{

if(sort [s] .compareTo (sort [d]) > 0)

{

sort [0] = sort [d];

sort [d] = sort [s];

sort [s] = sort [0];

}

}

}

sorted = (sort [1] + "\n" + sort [2] + "\n" + sort [3] + "\n" + sort [4] + "\n" + sort [5] + "\n" + sort [6] + "\n" + sort [7]);

JOptionPane.showMessageDialog (null, "Unsorted List: \n" + names + "Sorted List: \n" + sorted);

}

}