public class FourFilesObjects

{

String name;

int age;

double income;

}

----------------------------------

/\*

\*

\*/

import javax.swing.JOptionPane;

public class FourFilesDriver

{

public static void main (String args [])

{

FourFilesObjects list [] = new FourFilesObjects [11];

String value = "aaron";

boolean found = false;

input (list, value);

FourFilesSort a = new FourFilesSort ();

a.sortIt (list);

FourFilesSearch b = new FourFilesSearch ();

b.searchIt (list, value, found);

}

public static void input (FourFilesObjects list [], String value)

{

int count = 1;

while (count <= 3) //loop for all inputs

{

FourFilesObjects pointer = new FourFilesObjects ();

list[count] = pointer; //clears pointer

list[count].name = JOptionPane.showInputDialog (null, "What is the name of person " + count + "?"); //input of name

String agestring = JOptionPane.showInputDialog (null, "What is the age of person " + count + "?"); //input of age

list[count].age = Integer.parseInt(agestring); //age to an int

String incomestring = JOptionPane.showInputDialog (null, "What is the income of person " + count + "?"); //input of income

list[count].income = Double.parseDouble(incomestring); //income to a double

count = count + 1; //counter goes up 1

}

}

public static void output (FourFilesObjects list [], boolean found)

{

String out [] = new String [11];

int count = 1;

if (found = true)

JOptionPane.showMessageDialog (null, "Value Found!");

else

JOptionPane.showMessageDialog (null, "Value Not Found");

while (count<= 3)

{

out[count] = ("Name: " + list[count].name + " |Age: " + list[count].age + " |Income: " + list[count].income + "\n"); //concatanates values into an new array to be printed

count = count + 1; //counter goes up 1

}

}

}

-----------------------------------------------

public class FourFilesSort

{

public static void sortIt(FourFilesObjects list [])

{

int count = 1;

for (int s = 1; s < 3; s++) //starts sort loop

{

for (int d = s + 1; d <= 3; d++)

{

if(list[s].name .equals (list[d].name))

{

list [0] = list [d];

list [d] = list [s];

list [s] = list [0];

}

}

}

}

}

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public class FourFilesSearch

{

public static void searchIt(FourFilesObjects list [], String value, boolean found)

{

int count = 1;

while (found = true || count <= 3)

{

if (value .equals (list [count].name))

found = true;

else

count = count + 1;

}

}

}