/\*Aaron Knestaut

\* 11.17.15

\* Period A

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

\* This is the object of all vars for ComputerPointers

\*

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

\* String cpu - type of cpu

\* String gpu - type of gpu

\* int ram - amount of ram

\* double screen\_size - screen size

\* boolean ssd - tells if the computer has ssd's or not

\*/

public class ComputerParts

{

String cpu;

String gpu;

int ram;

double screen\_size;

boolean ssd;

} //end of the object

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

\* This program has the user input 11 sets of computer spec data then

\* prints out all the data at the end

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

\* ComputerParts list [] - array for holding all the data with data type ComputerParts

\* int count - counter for input loop

\* int count2 - counter for output loop

\*/

import javax.swing.JOptionPane;

public class ComputerPointers

{

public static void main ()

{

int count = 1;

int count2 = 1;

ComputerParts list [] = new ComputerParts [11]; //declares/allocates array to hold data

while (count <= 10)

{

ComputerParts pointer = new ComputerParts (); //wipes old data from the pointer

list[count] = pointer;

list[count].cpu = JOptionPane.showInputDialog (null, "COMPUTER " + count + "\nWhat kind of CPU?"); //user input for cpu

list[count].gpu = JOptionPane.showInputDialog (null, "COMPUTER " + count + "\nWhat kind of GPU?"); //user inputs for gpu

String ramamount = JOptionPane.showInputDialog (null, "COMPUTER " + count + "\nHow much RAM?"); //user inputs for ram

list[count].ram = Integer.parseInt (ramamount); //turns the string into an int

String size = JOptionPane.showInputDialog (null, "COMPUTER " + count + "\nWhat is the screen size?"); //user inputs screen size

list[count].screen\_size = Double.parseDouble (size); //turns the string into a double

String boolssd = JOptionPane.showInputDialog (null, "COMPUTER " + count + "\nIs there an SSD?\n [True] [False]"); //user inputs ssd

if (boolssd .equals ("true"))

list[count].ssd = true;

else

list[count].ssd = false;

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

} //ends input loop

while (count2 <= 10)

{

JOptionPane.showMessageDialog (null, "\*\*COMPUTER SPECS\*\*\nCPU: "+list[count2].cpu+"\nGPU: "+list[count2].gpu+

"\nRAM: "+list[count2].ram+"\nScreen Size: "+list[count2].screen\_size+"\nSSD: "+list[count2].ssd); //prints out data for all inputs

count2 = count2 + 1; //counter goes up 1

} //ends output loop

}//ends main method

}