**Sort, Sort and Sort Some More.**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Due \_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

Today you will be working with sorting. You will use two different sort types. The first sort program will be the Selection sort program. The second program will be the Insertion sort program. Each program will sort the same data. I would like for you to sort the data listed below with both the sort algorithms in both ascending and descending order. All four sort routines will be listed in a separate class file with four methods, SelectionA for Ascending order, SelectionD for descending order, InsertionA for Ascending order, and InsertionD for descending order. Please use Scanner for input and read the data in from a file. Copy the data below into a text document to begin.

Baker Oneil

Barclay Neal

Stone Hunt

Troy Shepard

Mason Daniel

Kennedy Padilla

Michael Diaz

Arden Soto

Todd Conner

Carson Valdez

Jerry Copeland

Melvin Dejesus

Steven Valencia

Ignatius Hensley

Oliver Love

Macaulay Woodward

Brandon Landry

Tyrone Barnes

Martin Mccarty

Amal Mendoza

Caleb Whitehead

Ira Winters

Simon Orr

Ryder Payne

Christian Gilbert

Geoffrey Callahan

Kaseem Schwartz

Xenos Gonzalez

Macaulay Villarreal

Dorian Mitchell

Robert Melendez

Hiram Collins

Price Delaney

August Brock

Cullen Cross

Beck Salinas

Baker Campos

Ignatius Perkins

Finn Rowe

Neil Richardson

Tiger White

Dylan Mcintosh

Kevin Wilson

Nash Weber

Nehru Knight

Hector Estes

Joel Griffith

Addison Collins

Silas Erickson

Julian Wall

Grant Sloan

Ross Hernandez

Paul Herrera

Carl Valencia

Silas Chang

Jamal Bruce

Merritt Osborne

Dominic Rice

Steel Myers

Alan Reed

Kieran Hensley

Stephen Frost

Colin Clayton

Duncan Stanley

Cody Hinton

Aaron Sexton

Ethan Martin

Preston Golden

Slade Cook

Eaton Bernard

Jin Park

Raymond Schwartz

Malachi Lara

Zane Moody

Tad Tillman

Davis Casey

Nehru King

Cole Tanner

Jeremy Head

Ciaran Lloyd

Vaughan Roman

Shad Thornton

Mannix Case

Elliott Mcdowell

Lewis Holman

Keane Gibbs

Travis Fleming

Hu Albert

Damon James

Porter Holmes

Acton Mckinney

Axel Moses

Valentine Guy

Geoffrey Randolph

Sylvester Page

Ivor Eaton

Hyatt Moody

Francis Parsons

Len Sampson

James Robinson