

In the skeleton, there is a menu to finish.

1. Please do 8, Selection Sort by Name
2. Please do 9, Selection Sort by Population
3. Please do 10, Insertion Sort by Name
4. Please do 11, Insertion Sort by Population
Test will all possible sort orders, alpha, pop ascending and pop descending
5. Please do 3, Sequential Search
Do it by name and by population
NEEDS TO WORK FOR UNSORTED AND SORTED LISTS!
Example: Find all records that match the name(there can be duplicates)
Find all records that match the population and print them in a list
Return a SortRecord with comparisons only, there are NO swaps when searching
6. Please do 4, Binary Search Iterative
7. Please do 5, Binary Search Recursive

BONUS: Merge Sort by Name (3 points)

BONUS: Merge Sort by Pop(3 points)

BONUS: Quick Sort by Name (3 points)

BONUS: Quick Sort by Pop(3 points)

BONUS: Shell Sort by Name (3 points)

BONUS: Shell Sort by Pop(3 points)

BONUS: Heap Sort by Name (3 points)

BONUS: Heap Sort by Pop(3 points)

Project Name	SearchAndSortStatesSkeleton
Class 1 Name	Territory_Console_Main
Class 2 Name	Territory_Manager



RUBRIC



Selection Sort by Name	10
Selection Sort by Pop	10
Insertion Sort by Name	10
Insertion Sort by Pop	10
Sequential Search	10
Binary Search Iterative	10
Binary Search Recursive	10
Comments	10
TOTAL	70

