

Template

AP Computer Science Searching / Sorting Mini Project				
Question	Possible Points	Your Points	Comments	
1. Description Slide				
A correct qualitative description for the given searching and/or sorting routine	15	15		
A "Line-by-Line Comparison Chart" is presented	15	15		
The logic for the "Line-by-Line Comparison Chart" is presented correctly	15	15		
2. Role Play Slide				
Each student correctly demonstrates the role play with 2 or fewer mistakes	15	15		
Each student correctly demonstrates the role play with 1 or fewer mistakes	15	15		
Each student correctly demonstrates the role play with ZERO mistakes	15	15		
3. Java Code Demo Slide				
The program allows user input for the number of integers to search through or sort	15	15		
The program includes a best-case scenario simulation	15	15		
The program includes a worst-case scenario simulation	15	15		
The program includes a timing mechanism using System.currentTimeMillis() method	15	15		
The code for the search and/or sort is explained qualitatively	15	15		
4. Advantages/Disadvantages Slide				
Advantages of searching and/or sorting routine is presented	15	15		
Disdvantages of searching and/or sorting routine is presented	15	15		
5. Memory Issues Slide				
Memory Issues for the given searching/sorting routine is presented	15	15		
Totals		165	165	100.00%