CS146 Project 3 Grading Rubric

Problem 1 (Autocomplete term)	/5
1. Performance Requirement:	
a. The string comparison functions should take time proportional to the number of characters needed to resolve the comparison.	
Problem 2 (Binary Search Deluxe)	/5
1. Performance Requirement:	
a. The firstIndexOf() and lastIndexOf() methods should make at most 1 + d logNe compares in the worst case, where N is the length of the array. In this context, 2. Corner Cases:	
a. Each static method should throw a java.lang.NullPointerException if any of its arguments is null.	
Problem 3 (Autocomplete)	/5
1. Performance Requirement:	
a. The constructor should make proportional to N logN compares (or better) in the worst case	
 b. The allMatches() method should make proportional to logN +M logM compares (or better) in the worst case, c. The numberOfMatches() method should make proportional to logN compares (or better) in the worst case 2. Corner Cases: 	
a. The constructor and each method should throw a java.lang.NullPointerException if its argument is null .	
Other Requirements	/5
1. Well formatted code (indentation)	
2. Code compilation is successful	
3. Code runs with no errors and meet the output	
Meeting Deadine	
On time: no penalty, 1 day late: (-20%), 2 days late -40%	
Total Score:	/ 20

Graders Comments: