CSCE 155 – Lab: Searching & Sorting

Worksheet – C Version

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Examine the “search, find” section of the main function. A key has been created that will match any team from California (CA). Four searches are performed.
   1. What is the result of the first search?
   2. What is the result of the second?
   3. What is the result of the third?
   4. What is the result of the fourth (#1B)?
   5. Why did the same search produce different results for all three searches even though we called bsearch on the same inputs?
   6. Observe that the fourth search (#1B) was performed under the same ordering as the first search, so why did it produce a different result?
2. Demonstrate your working program for all activities to a lab instructor.

Lab Instructor Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_