

Homework 5B

Due: April 25, 2019 by 11:59PM via Blackboard

Value: 25 points

Assignment Description: In this assignment, you will implement a BruteForce search and Horspool's Algorithm.

Download the associated files from Blackboard. Consult and use these to implement the following. *[Note: No changes should be made to any other files beside the file(s) that will be submitted]*

Implement the ShiftTable, Horspool's algorithm and a BruteForce search. When applying Horspool's algorithm and the BruteForce search, your implementation should count the number of comparisons that are performed when finding a match. Sample text to search is found in the 98.txt file and a few searches are performed in a main method provided in Horspool.java.

Remember to use good programming style (i.e., Javadoc headers, in-line comments, use of naming conventions and white space). See the associated rubric on Blackboard for more details. No JUnit tests are provided with this assignment.

Submission: For submission, upload your Horspool.java and ShiftTable.java files. Do not submit anything other than your code as a text file (i.e., the .java file).