

PROBLEM STATEMENT:

Create a program, using the binary search algorithm to determine the index location of a set of keys

CODE:

Must use concepts presented in class.

Use either the iterative or recursive version **as presented in class**

The values to be searched are located in a file

The keys will also be located in a file

There are 100 values and 10 keys

Included are representative sample files values.txt and keys.txt

The output of the program will be directed to the console shell, and similar to the following

key value 23 was located at index 31 in the sorted array

key value 33 was not located in the sorted array

etc

Prompt user for the fully qualified name of the file

use functions.

DELIVERABLES:

Source file and executable in a zip file named

cs121_lab10_YOURLASTNAME.zip

submitted to BrightSpace to cs121_Lab10Ans

The electronic submission is due at 1:00pm 21 November 2023

Copy of source code is due at 1:00pm 21 November 2023