

CSC 2000

Introduction to C++ Programming Language

Lab 09

15 points

Due 12:30 A.M.

Write a C++ function, `lastLargestIndex` that takes as parameters an int array and its size and returns the index of the “last occurrence” of the largest element in the array. Include another function to print the array. Also, write a program to test your function.

[HINTS] Create an array of size 15 in the main function and initialize it with the values shown in the below sample output. Pass the array and its size to function `lastLargestIndex`; function `lastLargestIndex` returns the index of the last occurrence of the largest element; also, pass the array to function `printArray` to print the array as shown below. After printing the array, in main function, print the index of last occurrence of the largest element and its value as shown below.

```
List elements: 56 34 67 54 23 87 66 92 15 32 55 54 88 92 30
The position of the last occurrence of the largest element in list is: 13
The largest element in list is: 92
```

- Make sure you review the Cheating & Plagiarism policy on Canvas.
- Name the source file “Lab 09”.
- Upload only the source file (.cpp) to the Canvas under “Lab 9” folder no later than the end of the lab.
- It is your responsibility to make sure that the source file is uploaded “correctly”.
- Do not forget to sign out; do not sign for anyone else.