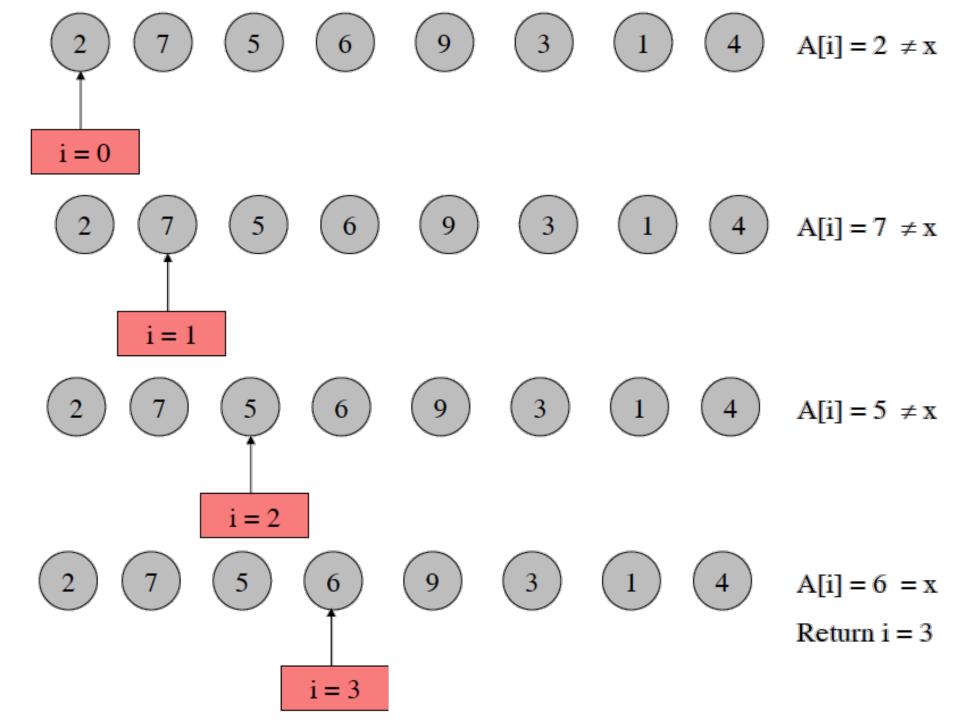
CSCI-1411 FUNDAMENTALS OF COMPUTING LAB

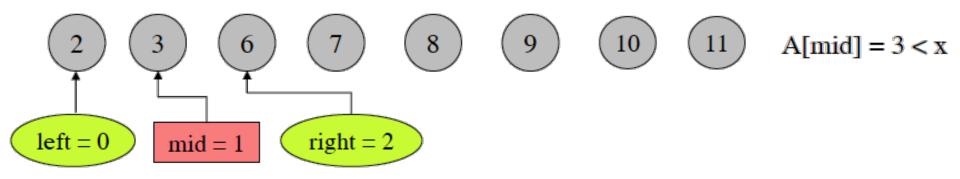


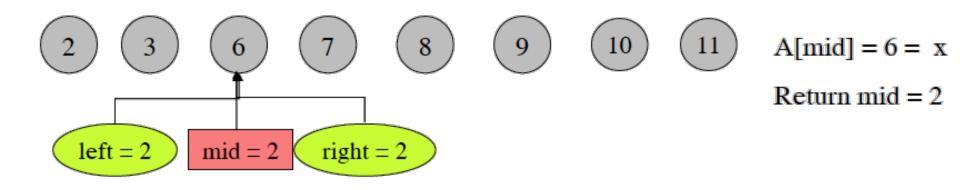
Fall 2015



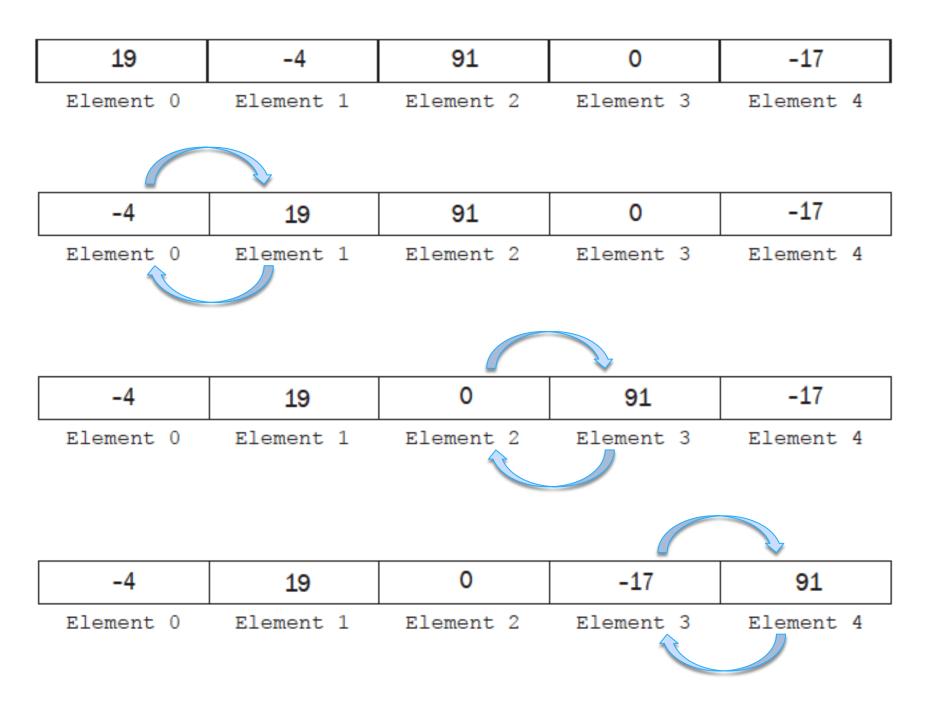


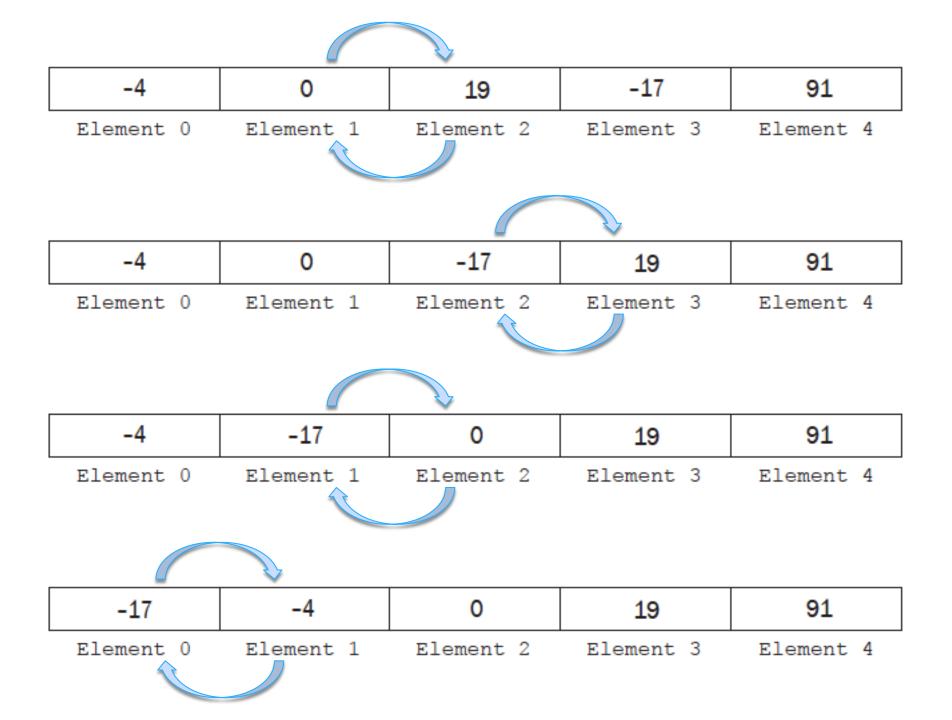




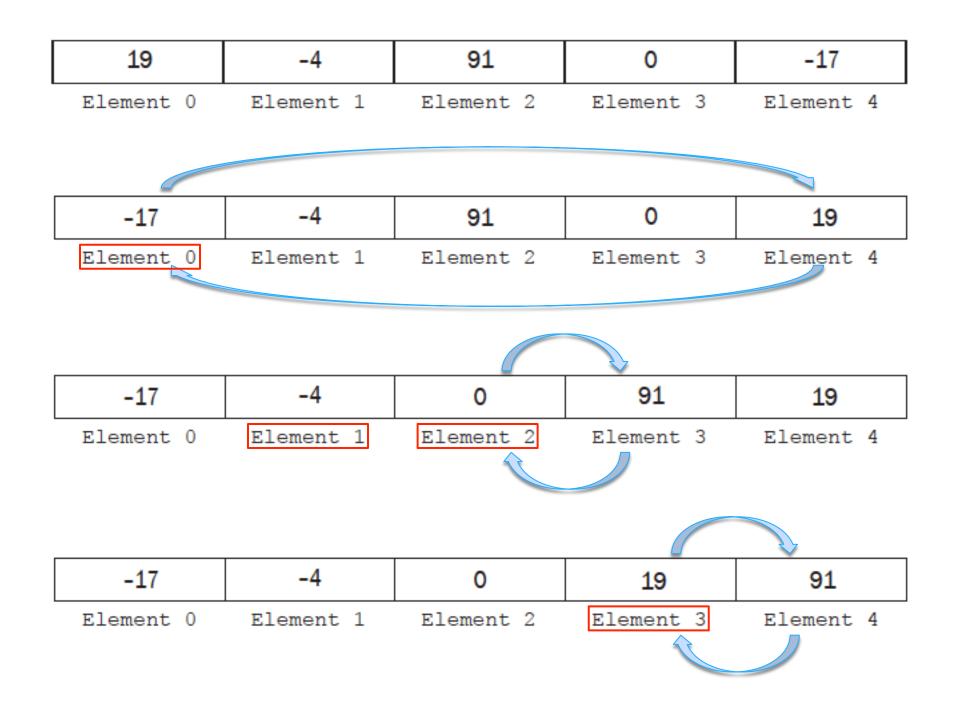












Lab 8: Searching and Sorting Arrays

\Box Overview:

- Lab 8 Components
 - Lab Sections (8.1, 8.2, 8.3, 8.4)
 - Do Section 8.4 (including the optional part 4)

Lab 8: Searching and Sorting Arrays

8.1 Working with the Linear Search

- (linear_search.cpp)
- Ensure that Exercise 2 is complete
- Answer questions asked in exercise 1 & 2

□ 8.2 Working with the Binary Search

- (binary_search.cpp)
- Answer questions asked in exercise 1 & 2

□ 8.3 Working with Sorts

- Select ONE sorting algorithm
- (bubble_sort.cpp) (OR) (selection_sort.cpp)
- Answer questions asked in exercise 2

□ 8.4 You do NOT get to choose your adventure

- Complete the (non-Optional) Exercise iv)
- Name the source file: main.cpp

Lab 8: Searching and Sorting Arrays

Submission File Checklist

- Submit all files on Canvas (One at a time or all of them in a single zip file). Be sure to include all source files and documents.
- □ 8.1 linear_search.cpp
- □ 8.2 binary_search.cpp
- 8.3 bubble_sort.cpp (OR) selection_sort.cpp (Not both)
- □ 8.4 main.cpp (Implement non-optional part *iv*)