

SEARCH

OPEN EDITORS

lab1.cppM

lab1two.cppU

lab1M

OUTLINE

TIMELINE

LAB

.vscode

lab1M

lab1.cppM

lab1two.cppU

tempCodeRunnerFile.cppU

SEARCH

SearchAa .ab.*

ReplaceAB

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

(base) dk~\$cd "/Users/dk/2nd Sem/Data Structures/Lab/" && g++ --std=c++17 lab1.cpp -o lab1 && "/Users/dk/2nd Sem/Data Structures/Lab/"lab1

[i] Display()

1 2 3 4 5 7 9 11 13

[ii] Add/Append(x)

Before Appending 5 4 3 2 1

After Appending 5 4 3 2 1 10

[iii] Insert(index, x)

Before inserting 5 4 3 2 1

After inserting 5 4 3 99 2 1

[iv] Delete(x)

Before deleting 3

5 4 3 2 1

After deleting 3

5 4 2 1

[v] LinearSearch(x)

Found 4 at index 1

[vi] Get(index); function to get value available on the given index

Element 3

[vii] Set(index, x); insert the value x at the given index

Before inserting

5 4 3 2 1

After inserting

5 4 3 30 2 1

[viii] Max()

Array

5 4 3 2 100

Max 100

[ix] Min()

Array

5 4 3 2 100

Min 2

[x] Reverse()

Array before reversing

5 4 3 2 100

Array after reversing

100 2 3 4 5

[xi] Shift()

Array before Right Shift

5 4 3 2 100

Array after Right Shift

main*

Run Testcases

0 0 0 0

R: (not attached)

Ln 211, Col 18

Spaces: 4

UTF-8

LF

C++

Go Live

Mac

Prettier