Test Cases – Project 6

// Each of the three runs test all the operations that the user has available to them with different kinds of lists.

Script started on February 26, 2018 07:50:10 PM CST

> g++ List.cpp List.h main.cpp

> a.out

// First run of the program

List Menu

e -- Re-Initialize the list to be empty.

i v -- Insert the value v into the list.

r v -- Remove the value v from the list.

m -- Is the list empty?

l -- Report the length of the list

p v -- Is the value v present in the list?

k k1 -- Report the k1th value in the list.

w -- Write out the list.

h -- See this menu.

q -- Quit

i 5

i 6

i 7

i 8

w

(5, 6, 7, 8)

r 6

w

(5, 7, 8)

m

The list is not empty

l

The Length of the list is: 3

p 8

The value is in the list

k 2

THe 2th element of the list is 7

e

w

()

h

List Menu

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p v -- Is the value v present in the list?

k k1 -- Report the k1th value in the list.

w -- Write out the list.

h -- See this menu.

q -- Quit

q

The end

> a.out

// Second run of the program

List Menu

e -- Re-Initialize the list to be empty.

i v -- Insert the value v into the list.

r v -- Remove the value v from the list.

m -- Is the list empty?

l -- Report the length of the list

p v -- Is the value v present in the list?

k k1 -- Report the k1th value in the list.

w -- Write out the list.

h -- See this menu.

q -- Quit

i 10

i 19

i 24

i 3

i 6

i 8

w

(3, 6, 8, 10, 19, 24)

r 10

w

(3, 6, 8, 19, 24)

m

The list is not empty

l

The Length of the list is: 5

p 9

The value is not in the list

k 4

THe 4th element of the list is 19

w

(3, 6, 8, 19, 24)

h

List Menu

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m -- Is the list empty?

l -- Report the length of the list

p v -- Is the value v present in the list?

k k1 -- Report the k1th value in the list.

w -- Write out the list.

h -- See this menu.

q -- Quit

q

The end

> a.out

// Third run of the program

List Menu

e -- Re-Initialize the list to be empty.

i v -- Insert the value v into the list.

r v -- Remove the value v from the list.

m -- Is the list empty?

l -- Report the length of the list

p v -- Is the value v present in the list?

k k1 -- Report the k1th value in the list.

w -- Write out the list.

h -- See this menu.

q -- Quit

i 20

i 17

i 22

i 20

w

(17, 20, 20, 22)

r 22

w

(17, 20, 20)

m

The list is not empty

l

The Length of the list is: 3

p 20

The value is in the list

k 1

THe 1th element of the list is 17

w

(17, 20, 20)

h

List Menu

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r v -- Remove the value v from the list.

m -- Is the list empty?

l -- Report the length of the list

p v -- Is the value v present in the list?

k k1 -- Report the k1th value in the list.

w -- Write out the list.

h -- See this menu.

q -- Quit

q e

w

()

q

The end

> exit

exit

script done on February 26, 2018 08:01:01 PM CST