

Printing a list of 2 elements:

[1]---->[2]---->*

Testing prepend function:

prepending 6, 4 and 2

[2]---->[4]---->[6]---->*

Testing insertAt function:

list before = [2]---->[4]---->[6]---->*

insertAt(0, 0, list2Head)

insertAt(8, 4, list2Head)

insertAt(3, 2, list2Head)

list after = [0]---->[2]---->[3]---->[4]---->[6]---->[8]---->*

Testing search function:

list = [0]---->[2]---->[3]---->[4]---->[6]---->[8]---->*

search(0, list3Head)->data = -1

search(6, list3Head)->data = 7

list after = [-1]---->[2]---->[3]---->[4]---->[7]---->[8]---->*

Testing remove function:

list before = [-1]---->[2]---->[3]---->[4]---->[7]---->[8]---->*

remove(8)

remove(3)

remove(-1)

list after = [2]---->[4]---->[7]---->*

Now let's make a serious test for "remove":

list before = [1]---->[1]---->[1]---->[2]---->[1]---->[1]---->[1]---->[2]
]---->[1]---->[1]---->[1]---->*

remove(1)

list = [2]---->[2]---->*

remove(2)

list = *

prepend(1)

list = [1]---->*

Testing clear function:

list = [2]---->[4]---->[6]---->*

cleared list = *

prepend(1)

list = [1]---->*

Testing reverse function:

list = [1]---->[2]---->[3]---->*

reversed list = [3]---->[2]---->[1]---->*

Testing reverse function with empty list:

reversed list = *