CS20 – Section 093 – Fall 2019
Programming Assignment 4 – Due Friday October 4 at 11:59PM

Linked list with recursion (60 points)

Modify your assignment 2 to use recursion for the following functions:

push_back
retrieve_back
display_list
destroy_list
list_length
search_list
delete_node

Do not change the UI for the functions. The same main you used for testing assignment 2 should work.

Feel free to use whatever method of recursion seems appropriate. I would recommend modifying each function so that it uses a separate recursive function to perform whatever processing is needed.