

StackLinked

In Week 13, you are given an example of using a linked list as a Stack (the last lab also uses linked lists). I want you to add some functionality to the class. Please add a member function named `IsEmpty` that returns true only if the stack is empty. Please add a member function named `clear` that removes all elements from the stack. Also, add the ability to write a stack to an ostream and please separate with commas and including a trailing comma. Lastly, add the Rule of Three functions as this class uses dynamic memory and should take care not to leak any memory should make deep copies (<https://stackoverflow.com/questions/184710/what-is-the-difference-between-a-deep-copy-and-a-shallow-copy>).

Put your code the file named "StackLinked/implementation.cpp". Note that the header file should not be changed!