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Part C

I mostly replaced shared ptr in classes Node.cpp(changed from raw node to shared_ptr in lines: 27,48,65), Node.h(changed from raw node to shared_ptr in lines: 23,30,35,41), LinkedBag340(changed from raw node to shared_ptr in lines: 13, 14,18,24,41,62,128,145,159,167,181, changed from raw node to unique_ptr in lines: 38),LinkedBag.cpp(changed from raw node to shared_ptr in lines: 23,34,41,71,81,96,102,135,155,157,), LinkedBag.h(changed from raw node to shared_ptr in lines: 35,36,54,60). It's better to use smart pointers as smart pointers

In class Linked340.cpp I mostly used shared_ptr instead of raw node. But at the end I realized I could have used more unique_ptr(unique_ptr are smaller, and faster than shared_ptr.

) and use std:: move to convert unique_ptr to shared_ptr without taking over ownership.

I really wanted to use auto for weak_ptr in methods that use iteration but as I remember from the lecture we should not use auto weak_ptr and especially deprecated auto_ptr. I tried to use weak_ptr and shared_ptr for methods that use iteration; however I could not solve it without using auto. It shows error even though I followed the same format from the package, mickey and minnie exemple.

 In addition, please update and add destructor(s) so that the program displays more information (in addition to the output required and described above) when object(s) get destroyed.

~ is a destructor.

In Node.cpp class i added

