**Purpose:**

Well, as you stated in the lecture, this is for practice for nested templates and messing with the new data structures we have learned.

**Goal:**

My goal for this lab is to successfully implement an array-based stack into a dictionary that will be filled with kvpairs. Then I will need to test the kvpairs as <int, string> then <string, int>.

**Personal Note:**

I remember this one from last semester vividly so hopefully, I can reinstate my knowledge of this lab and knock it out of the park.

**Build Log:**

9/10/22 – Collaborated with Noah on a shared GitHub repo that is set up for two different branches (one for him and one for me) We haven’t worked together yet but will in the future since the lab allows for that.

9/11/22 – I pulled all the stuff from my branch and checked my push requests so I could update the branch when needed.

9/12/22 – Read through all instructions and took some notes to make sure that I understand the full assignment as well as have some idea of how I am going to start it. Just going to follow your advice and implement the bag first and then work from there.

9/13/22 – Worked with Noah on Lab 1, finished up all of ABag and did some ironing out on Visual Studio. Turns out I had VS2019 rather than VS2022 and I had an issue running the main.cpp. Additionally, the smart pointer is on line 30 in ABag and in the constructor in BDictionary.

9/14/22 – The due date is closing in!!! Today I got BDictionary.h all ironed out and tested everything within the main.cpp. Additionally added some tests so that I can receive full credit.