Advanced Graphics

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Account.h file

A screenshot of a computer program

Description automatically generated

Account.cpp file

A screenshot of a computer program

Description automatically generated

Testing Code

A screenshot of a computer program

Description automatically generatedA screen shot of a computer

Description automatically generated

Here I made array size of my student number [301287487] it **converted** my laptop into an **airplane** with my **CPU** running at **4.9GHz**! hoping for the best at this point….

A screenshot of a computer

Description automatically generated

Update #2

More processors are joining the arena and fighting against each other to work on single process. I am wondering if I could have made it into multi-threaded process…..

A screenshot of a computer

Description automatically generated

Update #3

I just realized that we are still at the stage of creating accounts and haven’t even started the sorting and printing the data yet!!! The worst part is that I chose the bubble sort as sorting algorithm….. a huge mistake!!!!

Update #4

I made about 12M accounts! At this point I am bored of looking at screen and doing nothing!!!

A computer screen with a black screen

Description automatically generated

Update #5

Changed size to a reasonable number of 300.

A screenshot of a computer program

Description automatically generated

Output: created 300 accounts swapped them from highest to lowest account balance. [using the slowest algorithm XD]

A screenshot of a computer

Description automatically generated

Of course, I have released pointers afterward to free up memory!

A black and white screen

Description automatically generated

***Lab2::Final\_Words();***

That concludes the lab assignment 2! As you’ve mentioned in class, I did try to tinker and overload the machine and failed because I was being impatient (also, it wasn’t truly required for the lab)

Hopefully, I’ll try to experiment with multi-threading in the future. if I think I am skilled enough to tackle C++ with thread synchronization.

Thank you!