

Project 8: Bubble Sort

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CS 200

Introduction

For this project we are tasked with making a program that takes in a number of integers 1-10 to load into memory then to take those inputs and sort them using bubble sort. After this, we are required to output them in a single line with the data points.

Solution

For the solution, I worked on one method at a time in separate files. After I felt confident enough in this, I merged it into one file so that I can get the final script.

Source Code

Conclusion

In conclusion, this project was fun and I learned a lot from playing with the assembly. Unfortunately I ran out of time because this week has been packed with a ton of assignments. Plus one of the drawbacks of coding the assembly portions separately is that when I merged them I spent about 4 hrs trying to figure out that when I was printing and loading variables I never reset the address for the array so it kept incrementing. It was a very good learning experience.