This project I feel like was very beneficial to me because it helped me to understand what I did wrong on the test and expend even more on the things I have already learned. On the test I couldn’t figure out how to put an array list into a JList however for my project I not only figured out how to put them into a JList but I also figured out how to put them into a comboBox. Another challenge I face when doing my project was when selecting something in the first list getting only the lists the pertained to my original list. This include a lot of experimenting with MouseListener but in the end I realized there was a much easier solution and just added a button. Whenever I ran into a problem with this program my solution seem to be to just add another button. I couldn’t get the “info” button to work with all the lists, so I just added buttons for all the lists. Then I couldn’t get the “add” button to add a list to show the chosen items so I added a button to update the list a show it in the JFrame. I faced a lot of challenges but overall I feel like I fix most of the problems I faced.

Improvements I would make to my program would be bring in the all data from Armada.csv. I didn’t have enough time to add in all the bonuses there is about five more that need to be added. Also the ships have more stats then I add into the program. The code I feel like could be more organized by adding a class to input the file, and a class to make of the JComponents. These changes would help to make the code easier to read because in “main” there is a lot of code written with a lot of if else statements. I could make the GUI prettier because right now it looks a little boring. There is also a little problem with the “update list” button because it doesn’t work with the first ship you and I couldn’t figure out how to fix it.

Overall I feel like I met my goal of trying to make my bother a fleet builder for his Armada game. Yes, there is still things I need to work on before it usable by my brother but it’s not much work to make it usable. When I am completely done add there is more ships added to the game I feel like my brother should be able to just update Armada.csv and I shouldn’t have to change anything.