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Proj11 Doc

The project that we did this week was about vectors. I believe that we learned how to use vectors and sort through them. There are functions for vectors that are included in the vector library, but I believe that we had to make the functions from scratch. In my program the resort function sorts the numbers in the vecInt vector. There is a sort function that we can use, but I decided to use a bubble sort to sort the numbers. Then for the research I just used a for loop to check if the value that was passed in corresponds to what is in that position. I would decrement the values by half to get the middle value of the both. Then I wanted to check if the value is on the lower side or the upper side. Then I would divide by two and add and subtract depending on if it was lower or greater. Then for the copy, I just passed in two vectors and made it so that I would read the original for the length of the vector and use the push back to add it into the vector.

Some of the problems that I faced were with not understanding how to use the functions. I had to put them into classes so that it could read the functions from the header file. Then the other problem that I had was with the bubble sort. It would store the largest function in the very first position in the vector. So, when I printed it I just printed form the first value in it. Then if I had more time, I would want to use something else other than a bubble sort because I know that it is not good for large sizes.