

## Project 1 State

- 1) Merge sort was challenging as I am still not great with recursive functions but implementing it in my decoding program helped me understand it more
- 2) I was still unable to debug my encode program. I went in for help and we narrowed it down to a memory leak (which I already suspected). I tried for several hours but could not find it. I believe there is some spot in my code where I am going out of bounds of some array.
- 3) None
- 4) I used [stackoverflow](#) and [cplusplus.com](#) as a reference throughout this project