

WRITEUP.pdf

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I mainly learned how to dynamically allocate and delete memory, use ncurses, and write more complicated code.

Ncurses is totally new to me, so I got to experiment with that. I could not get it to work properly, but it was still really cool printing out moving objects onto the screen.

I also learned how to allocate memory. I had never done this before. I learned how to allocated memory for a matrix.

I also learned how to free memory. Memory must be freed in the opposite manner of allocating it. You allocate the largest thing first then go smaller. When deleting though, you delete the smallest thing first then go larger.

Lastly, this is one of the more complicated pieces of code I've written so I learned how to use many functions to accomplish an end task. I also wrote smaller functions to help `uv_census`, which helped me solve a large problem by breaking it up into smaller pieces.