Documentation 2

MY-CAT

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(base) jerepuurunen@Jere-Mac cat % ./my-cat lorem.txt lorem?.txt

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For my-cat program, I first check that atleast 1 file is provided. After that, I loop through all of the provided files, and I decided to use getline() for printing the lines out, since the other task also required using it.

MY-GREP

```
• (base) jerepuurunen@Jere-Mac grep % ./my-grep lorem lorem.txt

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○ (base) jerepuurunen@Jere-Mac grep %
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Here I utilized the same code I had written in the my-cat task. I moved the output part to a seperate function, and added the string matching using strstr(). Another addition I had to make was the reading from terminal / pipe if no input file was given, but that was an easy implementation with the stdin.

MY-ZIP & MY-UNZIP



Not sure how to take a screenshot of the zipping "working", as nothing gets outputted into the console.

I do the argument amount check first, open the file with "rb" to support not only text files. Then I simply loop through characters, count them, and fwrite them onto a file. I decided to utilize current and previous characters to determine whether the character has changed to a new one.

In the decompression function, I read the binary number from the file, get the character, and in a loop print the character number of times.

For both of these I utilized fread, fwrite for zipping and printf for unzipping.

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(base) jerepuurunem@Jere-Mac unrijs % /May-unzija lorem.Z

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(base) jerepuurunne@Jere-Mac unzip %
```