

CSE 344 HW1

REPORT

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First, I check if given string satisfies the input rule ('/', ';' and 'i' characters locations are correct). It picks the strings between '/' s and stores them in a multi array.

Then, it checks if picked strings satisfy the string rule.

For example: checks if all of the characters in string is digits, letters or the operator characters or operation characters locations are correct.

Finally, it reads file char by char and searches if any string matches with the input str1. If it finds one replaces it with str2 and rest of the file is written back. In order to achieve that, it stores the string from beginning of the file to str1's first letter in a stringBeg . It stores string from last letter of the str1 to the end of the file in a stringRest.

Then, it opens the file again and clears the content in it. It writes stringBeg, str2 and stringRest with this order. With that approach it keeps the content of the file unchanged other than requested changes.

I also added comments at the beginning of each function.

Error checks are provided at each step.

My code works for '^', '\$', '['] operations without a problem. But some of the cases of the '*' operator might result wrong.

Upper/Lower cases works fine. You need to enter strings inside them " as the first argument at the command line . File name should be the second argument at the command line.