

GEDB029: Basis and Practice in Programming (Spring 2012)

Homework#3 : Searching

Due-date : 2012.12.9. 11:59 PM

We learned about array, pointer, pointer array and command-line arguments. In this homework, we make a search program. This program has some options such as searching statements that has a given pattern or has not a given pattern. In this homework, you should use array, pointer and command-line argument.

We give you option description for your program. We assign 20% of homework scores to each option. See below descriptions

Input : Random text file

Output :

Options)

- p <pattern> : Printing matched statements with <pattern>
- n <pattern> : Printing un-matched statements with <pattern>
- c <pattern> : Count the number of matched statements with <pattern>
- ap <pattern1> <pattern2> ... <patternn>:
Finding matched statements with all <pattern>
- op <pattern1> <pattern2> ... <patternn>:
Finding the statements that matched with any one of <pattern>s

Example

Input	Output
\$search -p well < input.txt	well you done done me and you bet i felt it well open up your mind and see like me
\$search -c love < input.txt	9