PROBLEM - PATTERN SCANNING SOFTWARE

Given a number of text files (Resumes in this case) and the patterns to look for, separate out those files which have these patterns in them.

Files in the folder-

scan.h - header file
scanning_client.c - Client side C program file
scanning_server.c - Server side C programming file
scan.mk - make file
resume1.txt
resume2.txt
resume3.txt
resume4.txt
Outputscreenshot.png

Functions-

1)int main(int argc, char *argv[]): To accept input from terminal and call the required functions.
2)int check(char *kw,char *st1,char *st2): This function is for checking if it is OR/And condition and to extract the search terms by removing the condition like OR, AND etc.
3)void lower_string(char lwr_case[]): to convert the key words and file contents to lower string, so that the contents can be verified without worrying about case
4)void search(int argc,int flag,char *kw,char *st1,char *st2,char *argv[]): This is for searching if the key words are present in the given files, and print the files containing the keywords.

Given a set of resume files present in the current directory, my software sorts out the files having the required key words(eg: JAVA or Python,ProjectManagement etc.),

which are given by the user. The user input was given through the terminal. So the command line accepts key words to be searched including logical combinations like OR, AND. In the end files satisfying this condition are given as the output.

The search key-words can be given in any case(upper/lower case) as the lower_string() converts both search terms and file contents into lower case(so it ignores case-sensitivity).

If there is only one search term word like java then double-quotes are not required. But if search terms have more than two terms or have some condition like OR/AND then enclose in double quotes so that code will take it as a condition and not confuse it with some other file type.