

This assignment 'PA0' was Parsing sentences that is accepted from input file.

I have to split the input strings into command tokens. Function name is 'parse_command', Parameters are char* command array, int *nr_tokens, char *tokens array.

command array has string I have to split. So I made 'while() function'. All string has '\0' at the end, so I made function that is stopped when command[i] is '\0'.

I need the numbers of tokens because I have to print sting saved in tokens array. And in while func, for checking there is 'white space' or not in command array I use 'isspace()'. and I want to split string as tokens till string is finished, so I use iterate func using for(). this is stopped whenever letter is white space except when letter is "".

input string can be expressed with double quotation marks("") to quote a string that contains whitespaces. So I use 'if() else()' func for checking there is (") in array. if there is ("), I add up num var till next command[i] is ("). If there is no ("), just add up num var, so i can get number of letter that has to be in one tokens.

And then I make tokens[] array that tokens I split will be entered. I use malloc() func. And using for func, I put per tokens in tokens array from command array.