

Tokenizer.c accepts two arguments a set of separators and a string either containing separators or no separators. My program can separate the tokens given any separators or no separators except the special escape characters. I was unable to implement the hex replacement for the separators. I was also unable to properly implement the removal of backslashes from characters that are not part of the special escape character list. The backslashes are removed but there are spaces left between characters.

I have created a helper function called find separators which given the string it will go through the string looking for the separators. Once found integer variables will be set to hold the location of the separator. Another variable will hold the location of the beginning of the string. We then break out of the function and go back into the getnexttoken function where we get the token store it into an array of exact length and return it to the main function to be printed. Multiple delimiters are handled as well as no delimiters.