

Our program takes exactly two inputs as specified in the project description. We then run `TKCreate` with the input that creates and mallocs a struct with 3 pointers and returns the pointer to the struct. Memory is allocated for two of these and the arguments to `TKCreate` are strcpy'ed over. The third pointer is then set to point at where the allocated copy of the ts was set. This is the pointer we use to iterate over when

We then keep running the `TKGetNextToken` in a while loop until it hits the null terminator. `TKGetNextToken` first checks if the current token is a delimiter and it continues to move on to the next one until it's not. Afterwards, it also checks if it's pointing at `NULL`, in which case, it will simply return `NULL`. We then find the first occurrence of a delimiter using `strpbrk` and create a pointer to it. If the `endOfToken` is null that means the whole string from the current token needs to be returned. Otherwise we `strncpy` from the stream to the `endOfToken` and then move the stream forward up to the pointer. We free each returned token after printing it in main.

Finally, we run `TkDestory` which frees up all the memory allocated in the struct. First, it frees `tk->head` and `tk->delims`. In the end, it free the `TokenizerT` pointer itself.

As far as special characters are concerned our program works when they are input literally as special characters, as opposed to a literal backslash character followed by something.