**Assignment # 5: Implement linux command “ls”. Load all data in dynamic linked list and store in a file.**

Use directory processing functions to list all files and folders in current path.

Store all files in dynamic linked list “FList”

Store all directories in a dynamic linked list “DList”

Store all files and directories in a file “List.Data”.

Implement following functions for dynamic linked list

Append, Delete, DisplayAll, Find

Implement following functions for file processing

AddRecord, DeleteRecord, SearchRecord, ShowAllData

Structure for file 🡪 File name, file size, access rights

Structure for directory 🡪 Directory name, access rights, total number of files in directory, total number of sub - directory