

20CYS113 COMPUTER PROGRAMMING
S2 B.Tech. CSE (Cyber Security)
Programming Assignment 2

DUE DATE: May 31, 2024

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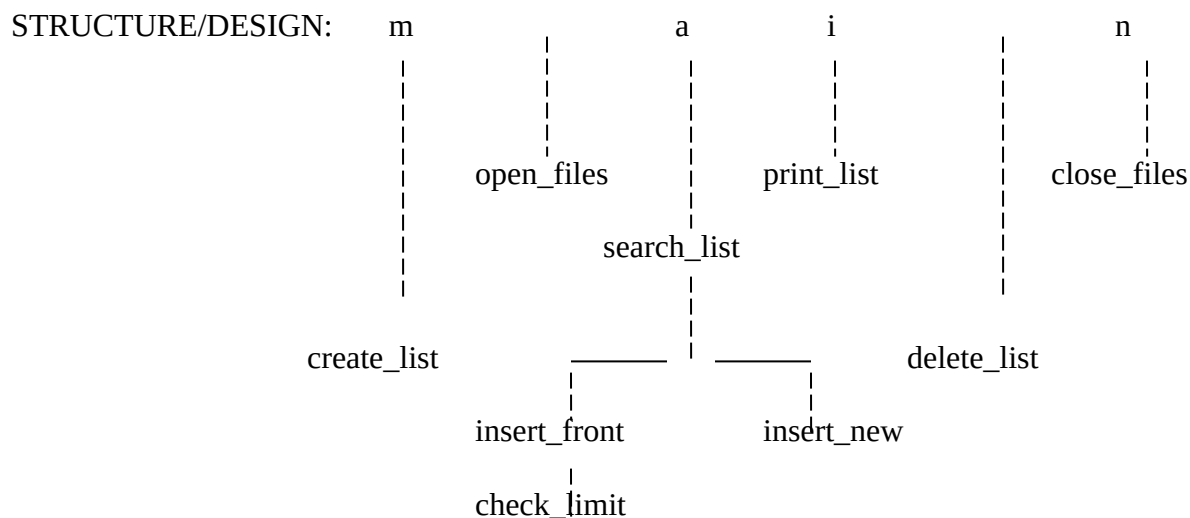
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DATE: 31-05-2024

FILES USED: selforg.h
main.c
io.c
list.c
selforg.dat

USAGE: make (to compile)
Selforg output file (to run)

PURPOSE: To implement a doubly-linked self-organizing list. Additionally, the number of times each value is accessed is counted.



GLOBAL VARIABLES: header for list
I/O files (only in io.c)

RETRICICTIONS: Each number is accessed at most 99 times.

ERROR HANDLING: The program is terminated if
1. either I/O file cannot be opened.
2. malloc() failure