

- mustafa@DESKTOP-3RBF0HL:~/gtu/cse222/homeworks/hw4\$ make compile
javac -d . Driver.java
- mustafa@DESKTOP-3RBF0HL:~/gtu/cse222/homeworks/hw4\$ make run
java Driver

==== File System Management Menu ====

1. Change Directory
2. List Directory Contents
3. Create File
4. Create Directory
5. Delete File
6. Delete Directory
7. Move File/Directory
8. Search File/Directory
9. Print Directory Tree
10. Sort Contents by Date
11. Exit

>Current Directory -> /root

Please select an option: 4

Enter the directory name to create (e.g.: dir1, project): projects

Directory created: projects

>Current Directory -> /root

Please select an option: 3

Enter the file name to create (e.g.: file.pdf, text.txt): text.txt

File created: text.txt

>Current Directory -> /root

Please select an option: 4

Enter the directory name to create (e.g.: dir1, project): reports

Directory created: reports

>Current Directory -> /root

Please select an option: 2

Listing contents of /root

* projects/

* reports/

text.txt

>Current Directory -> /root

Please select an option: 10

Sorted contents of /root by date created:

* projects/(2024-04-21 21:29:14.214)

text.txt(2024-04-21 21:29:29.987)

* reports/(2024-04-21 21:29:39.524)

>Current Directory -> /root

Please select an option: 1

Current directory: /root

Enter new directory path: /root/projects

Directory changed to: /root/projects

>Current Directory -> /root/projects

Please select an option: 5

Enter the file name to delete: file.pdf

There are no such file named file.pdf

>Current Directory -> /root/projects

Please select an option: 4

Enter the directory name to create (e.g.: dir1, project): project1

Directory created: project1

Directory created: project1

>Current Directory -> /root/projects

Please select an option: 1

Current directory: /root/projects

Enter new directory path: /root/projects/project1

Directory changed to: /root/projects/project1

>Current Directory -> /root/projects/project1

Please select an option: 3

Enter the file name to create (e.g.: file.pdf, text.txt): aboutP1.pdf

File created: aboutP1.pdf

>Current Directory -> /root/projects/project1

Please select an option: 2

Listing contents of /root/projects/project1

aboutP1.pdf

>Current Directory -> /root/projects/project1

Please select an option: 9

* root/

 * projects/

 * project1/ (Current Directory)

 aboutP1.pdf

>Current Directory -> /root/projects/project1

Please select an option: 8

Search query: reports

Searching from root...

Found: /root

Found: /root

>Current Directory -> /root/projects/project1

Please select an option: 8

Search query: aboutP1.pdf

Searching from root...

Found: /root/projects/project1

>Current Directory -> /root/projects/project1

Please select an option: 1

Current directory: /root/projects/project1

Enter new directory path: /root/projects

Directory changed to: /root/projects

>Current Directory -> /root/projects

Please select an option: 7

Enter the name of the file/directory to move: project1

Enter the new directory path: /root/reports

Directory moved: project1 to /root/reports

>Current Directory -> /root/projects

Please select an option: 2

The directory is empty

>Current Directory -> /root/projects

Please select an option: 1

Current directory: /root/projects

Enter new directory path: /root/reports

Directory changed to: /root/reports

Directory changed to: /root/reports

>Current Directory -> /root/reports

Please select an option: 9

* root/

* reports/ (Current Directory)

*project1/

>Current Directory -> /root/reports

Please select an option: 1

Current directory: /root/reports

Enter new directory path: /root/reports/project1

Directory changed to: /root/projects/project1

>Current Directory -> /root/projects/project1

Please select an option: 9

* root/

* projects/

* project1/ (Current Directory)

aboutP1.pdf

>Current Directory -> /root/projects/project1

Please select an option: 5

Enter the file name to delete: aboutP1.pdf

File deleted: aboutP1.pdf

>Current Directory -> /root/projects/project1

Please select an option: 2

The directory is empty

Please select an option: 2

The directory is empty

>Current Directory -> /root/projects/project1

Please select an option: 1

Current directory: /root/projects/project1

Enter new directory path: /root

Directory changed to: /root

>Current Directory -> /root

Please select an option: 2

Listing contents of /root

* projects/

* reports/

test.txt

>Current Directory -> /root

Please select an option: 5

Enter the file name to delete: test.txt

File deleted: test.txt

>Current Directory -> /root

Please select an option: 2

Listing contents of /root

* projects/

* reports/

>Current Directory -> /root

Please select an option: 6

Enter the directory name to delete: reports

>Current Directory -> /root

Please select an option: 6

Enter the directory name to delete: reports

Directory deleted: reports

>Current Directory -> /root

Please select an option: 2

Listing contents of /root

* projects/

>Current Directory -> /root

Please select an option: 11

Terminating...

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