

Feridun Taha Açıkyürek 200104004069

CSE222 HW4

1. Change directory

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===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 1
Current directory: home/
Enter new directory path: home/user
Directory changed to: home/user/
```

2. List directory content

```
===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 2
Current directory: home/
Directory: home
    Directory: user
        File: test.txt
```

3.Create file/directory

```
root@DESKTOP-A7RVC4K:~/mnt/c/users/feridun/Desktop/gtu/java/hw4# make
javac Main.java
java Main

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4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 3
Current directory: home/
Create file or directory (f/d): d
Enter name: user
Directory created: user

===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 3
Current directory: home/
Create file or directory (f/d): f
Enter name: test.txt
File created: test.txt
```

4.Delete file/directory

```
===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 1
Current directory: home/
Enter new directory path: home/user2
Directory changed to: home/user2/

===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 4
Current directory: home/user2/
Enter name of file/directory to delete: new.txt
new.txt deleted.

===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 7
Path to current directory from root:
*root/
  *home/
    *user2/
```

5. Move file/directory

```
===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 3
Current directory: home/
Create file or directory (f/d): d
Enter name: user2
Directory created: user2

===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 1
Current directory: home/
Enter new directory path: home/user
Directory changed to: home/user/

===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 5
Current directory: home/user/
Enter the name of file/directory to move: new.txt
Enter new directory path: home/user2
Successfully moved 'new.txt' to 'home/user2'.
```

6. Search file/directory

```
===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 1
Current directory: home/user/
Enter new directory path: home
Directory changed to: home/

===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 6
Current directory: home/
Enter search query: new.txt
Found files/directories:
Found Path: home/user2/new.txt/
```

7. Print tree

```
===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 3
Current directory: home/user/
Create file or directory (f/d): f
Enter name: new.txt
File created: new.txt

===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 7
Path to current directory from root:
*root/
  *home/
    *user/
      └─ new.txt
```

8. Sort

```
===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 1
Current directory: home/user2/
Enter new directory path: home
Directory changed to: home/

===== File System Management Menu =====
1. Change directory
2. List directory contents
3. Create file/directory
4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 8
Current directory: home/
Directory: user - Created: 2024-04-22 19:11:23.563
File: test.txt - Created: 2024-04-22 19:11:39.554
Directory: user2 - Created: 2024-04-22 19:14:53.149

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4. Delete file/directory
5. Move file/directory
6. Search file/directory
7. Print directory tree
8. Sort contents by date created
9. Exit
Please select an option: 9
Exiting...
rm *.class
root@DESKTOP-A7RVC4K:/mnt/c/Users/feridun/Desktop/gtū/java/hw4# |
```