CSE222 HW4 REPORT
Burak Kurt
210104004225

Create directory and file

```
Current directory: /root
Create file or directory (f/d): d
Creating a directory...
Enter directory name to create: burak
Directory created: burak
=====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
9. Exit
Please select an option
3
Current directory: /root
Create file or directory (f/d): f
Creating a file...
Enter file name to create: emir
File created: emir
=====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
9. Exit
Please select an option
2
Listing contents of /root
* burak/
emir
```

Change directory

```
Please select an option
2
Listing contents of /root
* burak/
emir
=====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
9. Exit
Please select an option
1
Current directory: /root
Enter the path of the directory: /root/burak
=====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
9. Exit
Please select an option
7
Path to current directory from root:
* root/
   * burak/ (current directory)
   emir
```

```
Please select an option
3
Current directory: /root/burak
Create file or directory (f/d): f
Creating a file...
Enter file name to create: cse.txt
File created: cse.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
9. Exit
Please select an option
2
Listing contents of /root/burak
cse.txt
=====File System Management Menu =====
```

Delete And Search

```
=====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
9. Exit
Please select an option
4
Enter name of file/directory to delete:
cse.txt
File deleted: cse.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
9. Exit
Please select an option
6
Enter search query: cse.txt
Searching from root...
Not Found
=====File System Management Menu =====
```

```
=====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
9. Exit
Please select an option
2
Listing contents of /root/burak
```

```
=====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
9. Exit
Please select an option
7
Path to current directory from root:
* root/
  * burak/
    * samet/ (current directory)
      samet.txt
    burak.txt
  * mehmet/
=====File System Management Menu =====
```

Sort Contents

```
=====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
9. Exit
Please select an option
8
Sorted contents of /root by date created:
* burak/ (2024-04-22 21:39:21)
* mehmet/ (2024-04-22 21:39:30)
```

Move Method

```
Please select an option
7
Path to current directory from root:
* root/
  * burak/ (current directory)
    * hasan/
  * mehmet/
=====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
9. Exit
Please select an option
5
Current directory: /root/burak
Enter name of file/directory to move: hasan
Enter new path for the file/directory: /mehmet
Move: Current directory: /root/burak
Moved: hasan from /root/burak to /mehmet
=====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
9. Exit
Please select an option
7
Path to current directory from root:
* root/
  * burak/ (current directory)
  * mehmet/
    * hasan/
```