```
Current directory: /root

===== 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 a file or directory? (f / d):
d
Enter the name of the directory:
dir1
Directory created: dir1/
```

```
===== File System Management Menu =====
1. Change Directory
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6. Search File / Directory
7. Print Directory Tree
8. Sort Contents by Date
9. Exit
Please select an option:
2
Listing contents of /root:
* dir1/
file1
* dir2/
```

```
Current directory: /root

===== File System Management Menu =====
1. Change Directory
2. List Directory Contents
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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
9. Exit
Please select an option:
5
Current Directory: /root
Enter name of file/directory to move:
file1
Enter new directory path:
/root/dir2
File moved: file1 to /root/dir2

Current directory: /root

===== 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:
* dir1/
* dir2/
```

```
===== File System Management Menu =====
1. Change Directory
2. List Directory Contents
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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 you want to change to:
/root/dir1/dir2
Directory changed to: /root/dir1/dir2


Current directory: /root/dir1/dir2

===== 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/dir1/dir2:
file1
```

```
Current directory: /root/dir1/dir2

===== 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
* root/
  * dir1/
    * dir2/(Current Directory)
      file1
```

```
===== File System Management Menu =====
1. Change Directory
2. List Directory Contents
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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
9. Exit
Please select an option:
8
Sorted contents of /root/dir1/dir2 by date created:
file1 (2024-04-21 23:22:57.763)
file2 (2024-04-21 23:25:24.78)
```

```
Listing contents of /root/dir1:
* dir2/

Current directory: /root/dir1

===== 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
Current Directory: /root/dir1
Enter name of file/directory to delete:
dir2
Directory deleted: dir2

Current directory: /root/dir1

===== 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/dir1:
```

```
===== File System Management Menu =====
1. Change Directory
2. List Directory Contents
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5. Move File / Directory
6. Search File / Directory
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8. Sort Contents by Date
9. Exit
Please select an option:
6
Search query:
dir1
Searching from root...
Found: /root/dir1
```