

```
cbolat@DESKTOP-T8LV832:/mnt/c/Users/cemal/OneDrive/Masaüstü/JavaC/REAMER$ make run
```

```
===== 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

Listing contents of /

```
* gtu/  
* hiking/  
exams
```

```
===== 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: /

Enter new directory path: /gtu/

Directory changed to: /gtu

```
===== 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

Listing contents of /gtu

```
photo1.png  
* C/  
* cpp/
```

==== 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: /gtu

Enter new directory path: /gtu/cpp

Directory changed to: /gtu/cpp

==== 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

Listing contents of /gtu/cpp

exams

exam

data

==== 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: /gtu/cpp

Enter new directory path: /gtu

Directory changed to: /gtu

===== 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

Listing contents of /gtu

photo1.png

* C/

* cpp/

===== 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: /gtu

Enter new directory path: /

Directory changed to: /

===== 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

Listing contents of /

* gtu/

* hiking/

exams

===== 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. 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

Listing contents of /hiking

hiking2.png

* d/

===== 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: /hiking

Enter new directory path: /gtu/cpp

Directory changed to: /gtu/cpp

===== 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

Listing contents of /gtu/cpp

exams

exam

data

===== 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:

```
Current directory: /gtu/cpp
Create file or directory (f/d): d
Enter name for new directory: data
Directory already exists.
===== 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
Listing contents of /gtu/cpp
exams
exam
data
===== 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: /gtu/cpp
Create file or directory (f/d): d
Enter name for new directory: demo
Directory created: demo/
===== 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
Listing contents of /gtu/cpp
exams
exam
data
* demo/
```

gives error when the
same named file in the same
dire

===== 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: /gtu/cpp

Create file or directory (f/d): f

Enter name for new file: cemal

File created: cemal

===== 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

Listing contents of /gtu/cpp

exams

exam

data

* demo/

cemal

===== 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:

===== 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

Sorting contents of /gtu by date created:

photo1.png	(2024-04-22 14:37:12)
* C/	(2024-04-22 14:39:24)
* cpp/	(2024-04-22 14:39:27)
* deneme/	(2024-04-22 21:48:29)

===== 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:

```
Please select an option: 6
Search query: gtu
Searching from root...
Found: /gtu
===== 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
Search query: exams
Searching from root...
Found: /gtu/cpp/exams
Found: /exams
===== 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
Search query: hed
Searching from root...
Element not found: hed
===== 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: []
```


===== 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:

* /

 * gtu/

 * cpp/

 * demo/ (Current Directory)

 demo

 * cse/

 gtu2021

 cemalbolat

 * dockerized/

===== 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:

===== 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

Listing contents of /

* gtu/

* hiking/

exams

===== 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: /

Enter name of file/directory to move: hiking

Enter new directory path: /gtu/cpp

Directory moved: hiking to /gtu/cpp

===== 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

Listing contents of /

* gtu/

exams

===== 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: /

Enter new directory path: /gtu/cpp/

Directory changed to: /gtu/cpp

===== 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

Listing contents of /gtu/cpp

exams

exam

data

* dollars/

* hiking/

===== 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:

===== 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: /gtu/cpp

Enter name of file/directory to delete: hiking

Directory deleted: hiking/

===== 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: /gtu/cpp

Enter name of file/directory to delete: dollars

Directory deleted: dollars/

===== 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

Listing contents of /gtu/cpp

exams

exam

data

===== 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

Search query: hiking

Searching from root...

Element not found: hiking

===== 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: /gtu/cpp

Enter new directory path: /

Directory changed to: /

===== 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

Listing contents of /

* gtu/

exams

===== 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: /

Enter new directory path: ..

Directory changed to: /

===== 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: /

Enter new directory path: .

Directory changed to: /

===== 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: 9

Saving and Exiting...

The program has been executed successfully.