MENU

```
PS C:\Users\yahya\OneDrive\Masaüstü\lasthw4\lasthw4> mingw32-make run
java -cp src Main
===== File System Management Menu ====
1. Change directory
2. List 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  :  |
```

MKDIR

```
===== File System Management Menu ====
1. Change directory
2. List 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 : root/
Do you want to create a file or a directory? (f/d) :
d
Enter the name of the new directory :
Yahya
Yahya/ created.
```

CREATE FILE

```
Please select an option  :  3
Current directory : root/
Do you want to create a file or a directory? (f/d) :
f
Enter the name of the new file :
new.txt
new.txt created.
===== File System Management Menu ====
1. Change directory
2. List 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 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 root/
* Yahya/
-new.txt
===== File System Management Menu ====
1. Change directory
2. List 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 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
Enter the path to change to : Yahya
Changed directory to : root/Yahya/
===== File System Management Menu ====
1. Change directory
2. List 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  :  |
```

CREATE DIRECTORY AND CHANGE DIRECTORY

```
Do you want to create a file or a directory? (f/d) :
d
Enter the name of the new directory :
Kemal
Kemal/ created.
===== File System Management Menu ====
1. Change directory
2. List 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
Enter the path to change to : Yahya/Kemal
Changed directory to : root/Yahya/Kemal/
```

DELETE

```
Please select an option  :   2
Listing contents of root/Yahya/Kemal/
-YahyaKemal.txt
===== File System Management Menu ====
1. Change directory
2. List 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 : root/Yahya/Kemal/
Listing contents of root/Yahya/Kemal/
-YahyaKemal.txt
Enter the name of the file or directory to delete :
YahyaKemal.txt
YahyaKemal.txt deleted.
```

MOVE

```
Please select an option  :  2
Listing contents of root/Yahya/
* Kemal/
===== File System Management Menu ====
1. Change directory
2. List 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 : root/Yahya/
Listing contents of root/Yahya/
* Kemal/
Enter the name of the file or directory to move :
Kemal
Enter the path to move to:
root
Kemal moved to root successfully.
```

AFTER MOVE

```
Please select an option  :  1
Enter the path to change to : root
Changed directory to : root/
===== File System Management Menu ====
1. Change directory
2. List 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 root/
* Yahya/
-new.txt
* Kemal/
```

SEARCH QUERY

```
===== File System Management Menu ====
1. Change directory
2. List 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: YahyaKemal12.txt
Searching from root with query: YahyaKemal12.txt
Searched query : YahyaKemal12.txtfound at : root/Yahya/
```

DIRECTORY TREE

```
===== File System Management Menu ====
1. Change directory
2. List 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
 * root/
    * Yahya/ (Current directory)
      * Kemal/
```

DIRECTORY TREE 2

```
Please select an option : 7
 * root/
   * Yahya/
     * Kemalli/ (Current directory)
       * Kemal2/
       - new.txt
===== File System Management Menu ====
1. Change directory
```

SORT

```
8. Sort contents by date created
9. Exit
Please select an option  :  8
Contents sorted by date created.
Listing contents of : root/Yahya/Kemalli/
* Kemal2/ (2024-04-22 20:12:42.159)
-new.txt (2024-04-22 20:12:46.764)
-new2.txt (2024-04-22 20:13:57.466)
* new3dir/ (2024-04-22 20:14:03.263)
-lastcreatedFile.txt (2024-04-22 20:14:10.015)
```