CSE222 HW4 REPORT

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MAKEFILE:

make = Compiles all java files.

make run = Runs Main.java

make clean= Deletes .classes in the folder.

make cleandoc= deletes javaDoc files.

make doc = Creates JavaDoc files.

Creat home

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
3
current directory: /
Create file or directory (f/d): d
Enter name for new directory: home
Directory created: 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
1
current directory: /
Enter new directory path: home/
Directory changed to: home/
```

Creat user

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
3
current directory: home/
Create file or directory (f/d): d
Enter name for new directory: 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
1
current directory: home/
Enter new directory path: home/user/
Directory changed to: home/user/
```

,,

Creat Project

Creat report

Home/user (user in Project and report)

```
===== 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): d
Enter name for new directory: project
Directory created: project

===== 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): d
Enter name for new directory: report
Directory created: report
```

Home/user/Project

Creat project1

```
===== 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/user/project/
Directory changed to: home/user/project/

===== 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/project/
Create file or directory (f/d): d
Enter name for new directory: proje1
Directory created: proje1
```

Creat project2

Creat test.pdf

```
===== 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/project/
Create file or directory (f/d): d
Enter name for new directory: proje2
Directory created: proje2

===== 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/project/
Create file or directory (f/d): f
Enter name for new directory: test.pdf
Directory created: test.pdf
```

Creat test2.pdf

List of project

```
===== 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/project/
Create file or directory (f/d): f
Enter name for new directory: test2.pdf
Directory created: test2.pdf

===== 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 test: home/user/project/
* proje1/
* proje2/
test.pdf
test2.pdf
```

Delete test.pdf

List of Project(not test.pdf)

```
===== 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/user/project/
Enter file/directory name to delete:
test.pdf
File deleted: test.pdf
Directory deleted: test.pdf

===== 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 test: home/user/project/
* proje1/
* proje2/
test2.pdf
```

Move project2

List project

```
===== 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/project/
Enter the name of file/directory to move: proje2
Enter new directory path: home/user/
File moved: proje2 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
2
Listing contents of test: home/user/project/
* proje1/
test2.pdf
```

Change home/user

List user (move proje2)

```
===== 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/project/
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
2
Listing contents of test: home/user/
* project/
* report/
* proje2/
```

Search test2.pdf

Print directory 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
6
Enter search query: test2.pdf
Searching from root...
Found file: /home/user/project/test2.pdf

===== 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 (Current Directory)
       * project/
       * report/
       * proje2/
```

Sort contents by date created

Exit

```
===== 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
project (2024-04-22 22:05:01.261)
report (2024-04-22 22:05:05.435)
proje2 (2024-04-22 22:05:36.435)

===== 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
Existing...
```