

Project1 Simplilearn

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Application has been completed successfully as required. All required features and functionality have been added, tested. It is working as specified in the requirements. It was run and tested through command prompt. Users can:

1. See Application name and Developer details
Choices for users:
2. Display file in ascending order
3. Add new file to the application specified location
4. Delete a file
5. Search file
6. Close Application

Core concepts used in the project: Used java core concepts, OOPS(Object Oriented Programming) concepts, local variables, final variables, class, Interface, Abstraction, methods, Object File, List, set, array, String, different loops, if-else conditions, switch statements, Data Structures where sorting and searching techniques and so on.

Implementation:

Add Operation:

addExistingFile():

- take a user specified file path
- check if-exist-> proceed
 - else display error message "file doesn't exist" and break
- proceed -> check if specified file path already exist in the folder
- if doesn't exist add new file to that folder with the given path file name(meaning with make a copy of the file and add to the folder)
- if exist then copy file and add the file by adding 1 in front of file name
- then display message "file copied and added successfully"

addnewFile():

- take user specified file name
- scan if it already exist in the folder
- if exist display message-file already exist and break
- else take a user given name and create a file and add to the folder
- then display the "message file added to the folder"

addnewFolder):

- take user specified folder name
- scan if it already exist in the folder
- if exist display message-folder already exist and break
- else take a user given name and create a new folder and add to the folder
- then display the “message folder added to the folder”

DeleteFile():

- create File[] file of the folder
- take user specified file name
- go through the list in the folder if found -
Identify as folder- then display message- “can’t delete, it is folder”
Identify as file- then then delete the file - “Successfully delete a file”-
- if not found –“file doesn’t exist.”

SearchFile():

- create File[] file of the folder
- take user specified file name
- scan in folder if found -
Identify as folder- then display message- “it is not file , it is folder”
Identify as file- then - “Successfully locate a file”-
- if not found –“file doesn’t exist.”

allFilesInAscending Order():

- create File[] file of the folder
- create treeSet to store all that file with their name string type
- get each file and add it the tree set
- use forEach method to display file in ascending order.