HandleOptions:

import java.util.List; import java.util.Scanner;

public class HandleOptions {

public static void handleWelcomeScreenInput() { boolean running = true;

Scanner sc = new Scanner(System.in); do {

above.");

try {

MenuOptions.displayMenu(); int input = sc.nextInt();

switch (input) { case 1:

FileOperations.displayAllFiles("main"); break;

case 2:

HandleOptions.handleFileMenuOptions(); break;

case 3:

System.out.println("Program exited successfully."); running = false;

sc.close(); System.exit(0); break;

default:

System.out.println("Please select a valid option from

}

} catch (Exception e) {

System.out.println(e.getClass().getName()); handleWelcomeScreenInput();

}

} while (running == true);

}

public static void handleFileMenuOptions() { boolean running = true;

Scanner sc = new Scanner(System.in); do {

try {

MenuOptions.displayFileMenuOptions(); FileOperations.createMainFolderIfNotPresent("main");

int input = sc.nextInt(); switch (input) {

case 1:

// File Add

System.out.println("Enter the name of the file to be

added to the \"main\" folder");

String fileToAdd = sc.next(); FileOperations.createFile(fileToAdd, sc);

break; case 2:

// File/Folder delete

System.out.println("Enter the name of the file to be

deleted from \"main\" folder");

String fileToDelete = sc.next();

FileOperations.createMainFolderIfNotPresent("main"); List<String> filesToDelete =

FileOperations.displayFileLocations(fileToDelete, "main");

to delete?" elements)";

String deletionPrompt = "\nSelect index of which file

+ "\n(Enter 0 if you want to delete all System.out.println(deletionPrompt);

int idx = sc.nextInt(); if (idx != 0) {

FileOperations.deleteFileRecursively(filesToDelete.get(idx - 1));

} else {

name

// If idx == 0, delete all files displayed for the for (String path : filesToDelete) {

FileOperations.deleteFileRecursively(path);

}

}

break; case 3:

// File/Folder Search

System.out.println("Enter the name of the file to be

searched from \"main\" folder");

"main");

String fileName = sc.next();

FileOperations.createMainFolderIfNotPresent("main"); FileOperations.displayFileLocations(fileName,

above.");

break; case 4:

// Go to Previous menu return;

case 5:

// Exit

System.out.println("Program exited successfully."); running = false;

sc.close(); System.exit(0);

default:

System.out.println("Please select a valid option from

}

} catch (Exception e) {

System.out.println(e.getClass().getName()); handleFileMenuOptions();

}

} while (running == true);

}

}