**package** com.simplilearn.demo;

**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** {

**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 above.");

}

} **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");

String deletionPrompt = "\nSelect index of which file to delete?"

+ "\n(Enter 0 if you want to delete all elements)";

System.***out***.println(deletionPrompt);

**int** idx = sc.nextInt();

**if** (idx != 0) {

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

} **else** {

// If idx == 0, delete all files displayed for the name

**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");

String fileName = sc.next();

FileOperations.*createMainFolderIfNotPresent*("main");

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

**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 above.");

}

} **catch** (Exception e) {

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

*handleFileMenuOptions*();

}

} **while** (running == **true**);

}

}