HandleOptions:

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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 {
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                                        // 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);
```

```
        }
    }
```