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package Virtual_Key_Repository;
import java.util.List;
import java.util.Scanner;
import Virtual_Key_Repository.menuOptions;

public class HandleOption {
	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:
					HandleOption.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.");
				}
```

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                } 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();
```

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                                        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");
```

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                                        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);
        }
}
```