```
package mypack1;
import java.io.File;
import java.util.ArrayList;
import java.util.Collections;
import java.util.Scanner;

public class FileManager {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        displayWelcomeScreen();
        System.out.println("Enter the file Path: ");
        Scanner pathSc=new Scanner(System.in);
        String path=pathSc.nextLine();
        while (true) {
            System.out.print("Enter your choice: ");
            int choice;
            try {
                choice = scanner.nextInt();
            } catch (Exception e) {
                // Invalid input, continue to next iteration of loop
                scanner.nextLine(); // consume the remaining input
```

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            System.out.println("Invalid input! Please enter a number.");
            continue;
        }
        switch (choice) {
            case 1:
                displayFiles(path);
                break;
            case 2:
                manageFiles();
                break;
            case 3:
                System.out.println("Thank you for using the File Manager!");
                return;
            default:
                System.out.println("Invalid choice! Please try again.");
        }
    }
}

private static void displayWelcomeScreen() {
    System.out.println("Welcome");
```

```
    System.out.println("Application Name: File Management");
    System.out.println("Developed by : Rupali Vaishnav");
    System.out.println("Please select one of the following options:");
    System.out.println("1. Display current file names in ascending order");
    System.out.println("2. Manage files in the directory list");
    System.out.println("3. Close the application");
}

private static void displayFiles(String pathScpath) {
    File currentDirectory = new File(pathScpath);
    ArrayList<String> filesList = new ArrayList<>();
    for (File file : currentDirectory.listFiles()) {
        if (file.isFile()) {
            filesList.add(file.getName());
        }
    }
    Collections.sort(filesList);
    for (String fileName : filesList) {
        System.out.println(fileName);
    }
}
```

```
    private static void manageFiles() {
        Scanner scanner = new Scanner(System.in);
        while (true) {
            System.out.println("Please select one of the following options:");
            System.out.println("1. Add a file to the existing directory list");
            System.out.println("2. Delete a user specified file from the existing
directory list");
            System.out.println("3. Search a user specified file from the main
directory");
            System.out.println("4. Return to the main context");
            int choice;
            try {
                choice = scanner.nextInt();
            } catch (Exception e) {
                // Invalid input, continue to next iteration of loop
                scanner.nextLine(); // consume the remaining input
                System.out.println("Invalid input! Please enter a number.");
                continue;
            }
            switch (choice) {
                case 1:
```

```
                System.out.print("Enter the file name to add: ");
                String fileNameToAdd = scanner.next();
                File fileToAdd = new File(fileNameToAdd);
                try {
                        if (fileToAdd.createNewFile()) {
                                System.out.println("File " + fileNameToAdd + " added
successfully!");
                        } else {
                                 System.out.println("File is already exist in the
directory.");
                        }

                } catch (Exception e) {
                    System.out.println("Error while adding the file: " +
e.getMessage());
                }
                break;
            case 2:
                System.out.print("Enter the file name to delete: ");
                String fileNameToDelete = scanner.next();
                File fileToDelete = new File(fileNameToDelete);
                if (fileToDelete.exists()) {
                    if (fileToDelete.delete()) {
```

```
                    System.out.println("File " + fileNameToDelete + " deleted
successfully!");

                } else {

                    System.out.println("Error while deleting the file!");

                }

            } else {

                    System.out.println("File doesnot Exist");

            }

        }

    }

}
```