```
package handler;

import java.io.File;
import java.util.Arrays;
import java.util.Scanner;

public class FileHandler {

	public static void main(String[] args) {

		File directory = new File("D:\\FileManager");

		// check in this folder is the main folder is there ofr not
		if (checkmain(directory)) {// if present
			// System.out.println("Already present main");
		} else {
			// System.out.println("Creating Main ");
			directory = new File("D:\\FileManager\\main");
			directory.mkdir();
		}
		// print welcome screen

		printWelcomeScreen(directory);

	}

	private static void printWelcomeScreen(File directory) {

		Scanner sc = new Scanner(System.in);
		int n;
		do {
			System.out.println("Welcome to the File Handler 1.0 by Manish Kumar");
			System.out.println("In this program you are having some options to select
from");
			System.out.println("Select 1 : If you want to retrieve all the files inside
main folder");
			System.out.println("Select 2 : If you want to display secoundary Menu to
Perform File Operations");
			System.out.println("Select 3 : If you want to End the Program");

			n = sc.nextInt();
			switch (n) {
			case 1: {
```

```
                        // print files inside main directory;
                        printMainDirectory(directory);

                        break;
                }
                case 2: {
                        displaySecoundaryMenu(sc, directory);
                        n = 3;
                        break;

                }
                case 3: {
                        System.out.println("Program Terminated Sucessfuly");
                        n = 3;
                        break;

                }
                default:
                        System.out.println("Enter Valid Input\n");
                        break;
                }
        } while (n != 3);

        sc.close();

    }

    private static void displaySecoundaryMenu(Scanner sc, File directory) {
        int n;
        do {
                System.out.println("Select 1: If you want to add files in ain folder");
                System.out.println("Select 2: If you want to input delete a file");
                System.out.println("Select 3: If you want to get list of file names starting
with your input");
                System.out.println("Select 4: If you want to return to previous menu");
                System.out.println("Select 5: If you want to End the Program");

                n = sc.nextInt();
                switch (n) {
                case 1: {
                        System.out.println("Which file do you want to add with its
extension");
                        String name = sc.next();
```

```
                        File make = new File(directory.getAbsolutePath() + "\\main" + "\\" +
name);
                        make.mkdir();
                        break;
                }
                case 2: {
                        System.out.println("Which file do you want to delete");
                        String name = sc.next();
                        directory = new File(directory.getAbsolutePath() + "\\main\\" +
name);
                        System.out.println(directory.getAbsolutePath());
                        if (directory.delete()) {
                                System.out.println("File deleted successfully");
                        } else {
                                System.out.println("Failed to delete the file");
                        }

                        break;
                }
                case 3: {
                        System.out.println("Enter the file name which you wanted to
search");
                        String name = sc.next();
                        directory = new File(directory.getAbsolutePath() + "\\main");
                        String[] list = directory.list();
                        Arrays.sort(list);
                        if (list == null) {
                                System.out.println("There is no such files");
                        } else {
                                for (String demo : list) {
                                        if (demo.startsWith(name)) {
                                                System.out.println(demo);
                                        }
                                }
                        }
                        break;
                }
                case 4: {
                        System.out.println("returned to previous menu");
                        printWelcomeScreen(directory);
                        n=5;

                        break;
                }
```

```
                case 5: {
                        System.out.println("Program Terminated Sucessfuly");

                        break;
                }
                default:
                        System.out.println("Enter Valid Input");

                }

        } while (n != 5);
        sc.close();

}

private static void printMainDirectory(File directory) {

        directory = new File(directory.getAbsolutePath() + "\\main");
        String[] list = directory.list();
        if (list == null) {
                System.out.println("There is no such files");
        } else {
                for (String demo : list) {

                        System.out.println(demo);

                }
        }
        // System.out.println(directory.getAbsolutePath());
        // System.out.println(directory.getPath());

}

private static boolean checkmain(File directory) {

        String[] list = directory.list();
        for (String demo : list) {
                // System.out.println(demo);
                if (demo.equals("main")) {

                        return true;
                }
        }
```

```
            return false;
        }

}
```