package com.company;  
  
import java.util.Scanner;  
  
  
  
  
public class Main {  
  
 public static void main(String[] args) {  
 *//write your code here* Scanner scanner = new Scanner(System.*in*);  
 System.*out*.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
 System.*out*.println("LockedME welcomes you! Enjoy our services");  
 System.*out*.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  
  
 boolean isTrue = true;  
 do {  
 System.*out*.println("Make a choice to use the specified service");  
 System.*out*.println("------------------------------------------");  
 System.*out*.println("1: Returns current file names in ascending order");  
 System.*out*.println("2: Takes you to File management service");  
 System.*out*.println("3: Exits the application");  
 String choice = "";  
 boolean isInput = scanner.hasNext();  
 if (isInput) {  
 choice = scanner.next();  
 *// remove spaces around the input if any* choice = choice.trim();  
 switch (choice) {  
 case "1":  
 System.*out*.println("you invoked 1. Printing file names in ascending order.");  
 UserFile.*listFilesInAsc*();  
 break;  
  
  
 case "2":  
 System.*out*.println("you invoked 2. Taking you to FMS. . .");  
 *fileManagementService*();  
 break;  
  
 case "3":  
 System.*out*.println("you invoked 3. Exiting the application!!");  
 isTrue = false;  
 break;  
  
 default:  
 System.*out*.println(String.*format*("Invalid option: '%s'. Supported options are 1,2 and 3\n\n", choice));  
 }  
 }  
 } while (isTrue);  
 }  
  
  
  
 public static void fileManagementService() {  
 System.*out*.println("====================================================");  
 System.*out*.println("You just entered a File Management Service. Happy to serve you!!");  
 System.*out*.println("====================================================");  
  
 Scanner s = new Scanner(System.*in*);  
 boolean isFileLoop = true;  
 do {  
 System.*out*.println("Press 1: To add a new file");  
 System.*out*.println("Press 2: To delete a file ");  
 System.*out*.println("Press 3: To search for a file");  
 System.*out*.println("Press 4: To go back to the previous Menu");  
  
 String fileChoiceString = "";  
 boolean isNextInput = s.hasNext();  
  
  
 if (isNextInput) {  
 fileChoiceString = s.nextLine();  
 fileChoiceString = fileChoiceString.trim();  
  
 *//Please check whether initialising here is correct or not* File\_API user= new UserFile();  
 switch (fileChoiceString) {  
  
 case "1":  
 System.*out*.println("Enter the file name with extension you wish to ADD");  
 String fileToAdd = s.nextLine();  
 user.addFile(fileToAdd);  
  
 break;  
 case "2":  
 System.*out*.println("Enter the file name you would like to DELETE");  
 String fileToDelete = s.nextLine();  
 user.deleteFile(fileToDelete);  
 break;  
 case "3":  
 System.*out*.println("Enter the file name with extension you wish to SEARCH for");  
 String fileToSearch = s.nextLine();  
 user.searchFile(fileToSearch);  
  
 break;  
 case "4":  
 System.*out*.println("You are back to the Main Menu");  
 isFileLoop = false;  
 break;  
 default:  
 System.*out*.println(String.*format*("Invalid option: '%s'. Supported options are 1,2,3 & 4\n Choose a valid option to continue or press 4 to exit\n", fileChoiceString));  
 break;  
 }  
  
 }  
 }while (isFileLoop) ;  
  
 }  
  
}