**package** com;

**import** java.io.File;

**import** java.util.Arrays;

**import** java.util.Collections;

**import** java.util.List;

**import** java.util.Scanner;

**public** **class** Locker {

**public** **static** **void** listingFile() {

File fileDir = **new** File("C:\\locker");

fileDir.mkdir();

**if**(fileDir.isDirectory()){

List <String>listFile = Arrays.*asList*(fileDir.list());

Collections.*sort*(listFile);

System.***out***.println("---------------------------------------");

System.***out***.println("Sorting by filename in ascending order");

**for**(String s:listFile){

System.***out***.println(s);

}

}

**else**{

System.***out***.println(fileDir.getAbsolutePath() + " is not a directory");

}Locker.*mainMenu*();

}

**public** **static** **void** createFile() {

File file = **new** File("C:\\locker");

file.mkdir();

Scanner sc = **new** Scanner(System. ***in*** );

System.***out***.println("Enter the file name : ");

String name = sc.nextLine();

File file1 = **new** File("C:\\locker\\"+name);

**try** {

**if** (file1.createNewFile()) {

System.***out***.println("File Created! :)");

Locker.*fileMenuOperations*();

} **else** {

System.***out***.println("File already exists :(");

Locker.*fileMenuOperations*();

}

} **catch** (Exception e) {

System.***out***.println(e);

}

}

**public** **static** **void** deleteMethod() {

String filename;

Scanner scan = **new** Scanner(System.***in***);

System.***out***.println("Enter the Name of File to Delete: ");

filename = scan.nextLine();

File file= **new** File("C:\\locker\\"+filename);

**if** (file.delete()) {

System.***out***.println("File deleted successfully");

Locker.*fileMenuOperations*();

}

**else** {

System.***out***.println("Oops !! File not found.Please try again ");

Locker.*fileMenuOperations*();

}

}

**public** **static** **void** searchMethod() {

System.***out***.println("Enter the name of the file to Search");

Scanner s1 = **new** Scanner(System.***in***);

String folderName = s1.next();

File file = **new** File("C:\\locker\\"+folderName);

**if** (file.exists()) {

System.***out***.println("Yup! File found!! :)"+"\n"+"This is the file location");

System.***out***.println(file.getAbsolutePath());

Locker.*fileMenuOperations*();

} **else** {

System.***out***.println("Sorry, File Not Found :(");

Locker.*fileMenuOperations*();

}

}

**public** **static** **void** mainMenu() {

System.***out***.println("Please select one the following");

System.***out***.println("1 for current file names in ascending order ");

System.***out***.println("2 for your Business Operation");

System.***out***.println("3 for exit application");

}

**public** **static** **void** fileMenuOperations() {

System.***out***.println("Please choose one of the following options :");

System.***out***.println("1. Create a file");

System.***out***.println("2. Delete a File");

System.***out***.println("3. Search for a File");

System.***out***.println("4. for main menu");

Scanner sc2=**new** Scanner(System.***in***);

**try** {

**int** choice=sc2.nextInt();

**switch**(choice) {

**case** 1:

System.***out***.println("You have selected to create file");

*createFile*();

**break**;

**case** 2:

System.***out***.println("You have selected to Delete file");

*deleteMethod*();

**break**;

**case** 3:

System.***out***.println("You have Selected to search file");

*searchMethod*();

**break**;

**case** 4:

System.***out***.println("Going back to MainMenu");

Locker.*mainMenu*();

**break**;

}

}**catch**(Exception e) {

System.***out***.println("Oops!! Please Enter valid number");

Locker.*fileMenuOperations*();

}

}

**public** **static** **void** main(String[] args) {

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.***out***.println("Welcome to LOCKME Profile :) ");

System.***out***.println(" LockerMe.com");

System.***out***.println("Develop by Anurag");

System.***out***.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

Scanner sc=**new** Scanner(System.***in***);

Locker.*mainMenu*();

**while**(**true**) {

**try** {

**int** option=sc.nextInt();

**switch**(option) {

**case** 1 :

System.***out***.println("These are the files in ascending");

*listingFile*();

**break**;

**case** 2 :

Locker.*fileMenuOperations*();

**break**;

**case** 3 :

System.***out***.println("Have a nice day!! Thanks for using locker ");

System.***out***.println("Application closed");

System.*exit*(option);

**break**;

**default**:

System.***out***.println("Oops!! please enter the valid number");

**break**;

}

}**catch**(Exception e){

System.***out***.println("Oops!! Please Enter valid number");

Locker.*main*(args);

}

}

}

}