**SOURCE CODE FOR LOCKEDME.COM APP**

**package** lockedMe;

**import** java.util.\*;

**import** java.io.\*;

**import** java.text.ParseException;

**public** **class** Lockedme {

//Retrieving function

**public** **static** **int** findAllFilesInFolder(File folder) {

File[] fileList = folder.listFiles();

Arrays.*sort*(fileList);

**for** (File file : folder.listFiles()) {

**if** (!file.isDirectory()) {

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

} **else** {

*findAllFilesInFolder*(file);

}

}

}

**public** **static** **void** Addingfiles(){

**try**

{

System.***out***.println("Enter the file name for adding in root folder\n");

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

String add= "C:\\Users\\SILE SINGH\\Desktop\\simplilearn screenshot\\root\\";

String S=add.concat(sc.next());

File myObj = **new** File(S);

**if** (myObj.createNewFile()) {

System.***out***.println("File created: " + myObj.getName());

System.***out***.println("Do You want to write somethoing inthe file?"

+ " Press y for yes and n for no");

**boolean** y= **true**;

**boolean** n=**false**;

**if**(y)

{

System.***out***.println("Now you can write:\n");

String w=sc.next();

FileWriter fw = **new** FileWriter(myObj.getAbsoluteFile());

BufferedWriter bw = **new** BufferedWriter(fw);

// Write in file

bw.write(w);

// Close connection

bw.close();

}

**else**{

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

}

} **else** {

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

}

}

**catch**(Exception e)

{

e.printStackTrace();

}

}

//deleting the file.

**public** **static** **void** deletingfiles() {

**try** {

System.***out***.println("Enter the file name i.e. to be deleted:\n ");

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

String delete= "C:\\Users\\SILE SINGH\\Desktop\\simplilearn screenshot\\root";

String S=delete.concat(sc.next());

File myObj = **new** File(S);

**if**(myObj.delete() //returns Boolean value

{

System.***out***.println(myObj.getName() + " deleted"); //getting and printing the file name

}

**else**

{

System.***out***.println("File not Found");

}

}

**catch**(Exception e) {

e.printStackTrace();

}

}

// function for searching the file

**public** **static** **void** searchingfiles() {

**try** {

System.***out***.println("Enter the file name i.e. to be searched:\n ");

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

String search= "C:\\Users\\SILE SINGH\\Desktop\\simplilearn screenshot\\root";

String S= sc.next();

File directory = **new** File(search);

String[] flist = directory.list();

**int** flag = 0;

**if** (flist == **null**) {

System.***out***.println("Empty directory.");

}

**else** {

// Linear search in the array

**for** (**int** i = 0; i < flist.length; i++) {

String filename = flist[i];

**if** (filename.equalsIgnoreCase(S)) {

System.***out***.println(filename + " :found!");

flag = 1;

}

}

}

**if** (flag == 0) {

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

}

}

**catch**(Exception e) {

e.printStackTrace();

}

}

//return back to main menu

**public** **static** **int** returnmenu(**int** n) {

**return** n ;

}

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

String App= "Lockedme.com";

String Develop="AmitKumar";

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

**for**(**int** i= 1; i<=50; i++) {

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

}

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

System.***out***.println("Welcome To: " + App);

System.***out***.println("This Application is developed By: " + Develop);

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

**for**(**int** j= 1; j<=50; j++) {

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

}

System.***out***.println("\n1. This application is made for reteriving the files from \"root\" folder."

+ "\n2. You can performed some operation(Searching,Deleting and Adding)on the files by selecting the option which is mentioned below:\n");

System.***out***.println("\*\*\*\*\*\*\*\*\*Select any operation number from below and press Enter\*\*\*\*\*\*\*\*\*\n");

**int** n;

**do**{

System.***out***.println("1. Reterive all files from \"root\" folders\n2. Display Menu for File Operations."

+ "\n3. Exit from the Application.");

n=sc.nextInt();

**switch**(n) {

**case** 1:

//for Retrieving the files.

File folder = **new** File("C:\\Users\\SILE SINGH\\Desktop\\simplilearn screenshot\\root");

*findAllFilesInFolder*(folder);

**break**;

**case** 2:

**int** num;

**do** {

System.***out***.println("\nEnter the numbers for (Adding,Deleting,Searching) files:"

+ "\n1. Adding the files."

+ "\n2. Deleting the files."

+ "\n3. Searching the files"

+ "\n4. Return to main Menu.");

num=sc.nextInt();

**switch**(num) {

**case** 1:

*Addingfiles*();

**break**;

**case** 2:

*deletingfiles*();

**break**;

**case** 3:

*searchingfiles*();

**break**;

**case** 4:

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

*returnmenu*(n);

**break**;

**default**:

System.***out***.println("Choice must be between 1 and 4");

**break**;

}

}**while**(num!=4);

**break**;

**case** 3:

System.***out***.println("exit successfully");

**break**;

**default**:

System.***out***.println("Choice must be between 1 and 3");

**break**;

}

}**while**(n!=3);

}

}