**SOURCE CODE**

**Outputfile.java**

**package** phaseoneproject;

**public** **class** outputfile {

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

{

System.***out***.println("Welcome to Lockers Pvt. Ltd.");

System.***out***.println("Developed By ----> ANSHIKA JAIN");

System.***out***.println("Company Name ----> TEKsystems Global Services");

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

chooseoptions.*display*();

}

}

**Chooseoptions.java**

package phaseoneproject;

import java.util.InputMismatchException;

import java.util.Scanner;

import phaseoneproject.performingOperations;

public class chooseoptions {

//@SuppressWarnings("unused")

public static void display() {

Scanner sc=new Scanner(System.in);

while(true)

{

System.out.println("1. Retrive files in ascending order.");

System.out.println("2. Perform Business Level operations.");

System.out.println("3. Exit.");

System.out.println("Choose from the above options :");

try {

int optionSelection = sc.nextInt();

switch(optionSelection) {

case 1:

showFinal.showFile();

break;

case 2:

performingOperations.businessLevelOperation();

break;

case 3:

System.out.println("THANK YOU!!!");

System.exit(0);

break;

default :

System.out.println("You Have Entered wrong Input !");

System.out.println(" ");

display();

}

}

catch(InputMismatchException e) {

System.out.println("Entered Input is not correct. Input should be in integer !!!!");

}

sc.nextLine();

}

}

}

**Showfinal.java**

**package** phaseoneproject;

**import** java.io.File;

**public** **class** showFinal {

**public** **static** **void** showFile() {

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

System.***out***.println("The List of all files: ");

String files[];

**try** {

File f=**new** File("D:\\");

files = f.list();

**for**(String pathname:files)

{

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

}

}

**catch**(NullPointerException NP)

{

System.***out***.println("The file does not exist ");

}

}

}

**performingOperations.java**

package phaseoneproject;

import java.io.File;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.util.\*;

public class performingOperations {

public static void addFile() {

Scanner sc = new Scanner(System.in);

System.out.println("Enter your file name");

String str = sc.nextLine();

str="D:\\"+str;

try {

File file = new File(str);

if(file.createNewFile())

System.out.println("File added Successfully");

else

System.out.println("Error while creating File, file already exists in specified path.");

}

catch(IOException io) {

io.printStackTrace();

}

}

public static void deleteFile() {

Scanner sc =new Scanner(System.in);

System.out.println("Enter your file :");

String directory= sc.nextLine();

directory="D:\\" +directory;

try {

File f= new File(directory);

if(f.delete())

{

System.out.println("File is deleted Successfully");

}

else

{

System.out.println("File not found");

}

}

catch(NullPointerException e)

{

e.printStackTrace();

}

}

public static void searchFile() {

Scanner sc= new Scanner(System.in);

System.out.println("Enter the correct path to read the file");

String str1= sc.nextLine();

str1="D:\\"+str1;

try

{

File read = new File(str1);

Scanner sc1 = new Scanner(read);

while(sc1.hasNextLine())

{

String data = sc1.nextLine();

System.out.println(data);

}

sc1.close();

}

catch (FileNotFoundException e)

{

System.out.println("Cannot read the file");

}

}

public static void businessLevelOperation() {

boolean bool =true;

Scanner sc = new Scanner(System.in);

while(bool)

{

System.out.println("1. Add a file.");

System.out.println("2. Search a file.");

System.out.println("3. Delete a file.");

System.out.println("4. Return to main-menu.");

System.out.println("Choose anyone from the above options");

int option =sc.nextInt();

sc.nextLine();

try {

switch(option)

{

case 1:

addFile();

break;

case 2:

searchFile();

break;

case 3:

deleteFile();

break;

case 4:

bool =false;

break;

default:

System.out.println("You have entered wrong Input!");

System.out.println(" ");

businessLevelOperation();

}

}

catch(InputMismatchException im){

System.out.println("Entered Input is not Correct. Input should be in Integer!!!");

}

}

}

}