**SOURCE CODE:**

OUTPUT FILES.JAVA :

package PhaseOneProject;

public class OutputFiles

{

public static void main(String[] args) {

System.out.println("WELCOME TO LockedMe.com");

System.out.println("Developer -> Aditi ");

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

ChoosingOptions.display();

}

}

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 ");

}

}

}

CHOOSINGOPTIONS.JAVA:

package PhaseOneProject;

import java.util.InputMismatchException;

import java.util.\*;

public class ChoosingOptions

{

public static void display() {

//@SuppressWarnings("resource")

Scanner sc = new Scanner(System.in);

while(true) {

System.out.println("1 : Retrieving file names in ascending order ");

System.out.println("2 : Performing all Business-Level operations ");

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

System.out.println(" Choose option according to your choice :");

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();

}

}

}

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() {

// @SuppressWarnings("resource")

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 searchFile() {

@SuppressWarnings("resource")

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 deleteFile() {

@SuppressWarnings("resource")

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(f.getName() + " deleted");

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

}

else {

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

}

}

catch(NullPointerException e) {

e.printStackTrace();

}

}

public static void businessLevelOperation() {

boolean bool = true;

@SuppressWarnings("resource")

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 back to main-menu");

System.out.println(" Choose option according to your choice :");

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 !!!!"); }

//sc.nextLine();

}

}

}