package phaseOneAssesment;

import java.io.File;

import java.io.IOException;

import java.util.Arrays;

import java.util.Scanner;

public class LockedMe {

public static void main(String[]args)

{

String fileName;

int choice;

//String[] list = directory.list();

Scanner sc = new Scanner(System.in);

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

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

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

System.out.println("\*\*\*DEVELOPER NAME :- SAI SUNDARA\*\*\*");

System.out.println("\*\*\*\*\*\*FULL STACK JAVA DEVELOPER\*\*\*\*\*\*");

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

do

{

System.out.println("PRESS 1 FOR RETRIEVING FILES IN ASCENDING ORDER ");

System.out.println("PRESS 2 FOR BUSSINESS LEVEL OPERATIONS");

System.out.println("PRESS 3 FOR EXIT");

System.out.println("PLEASE ENTER YOUR CHOICE");

choice =sc.nextInt();

switch(choice)

{

case 1:

File directory = new File("C:\Users\Saiku\Desktop\simiplilearn");

String files[]=directory.list();

Arrays.sort(files);

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

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

System.out.println(files[i]);

}

System.out.println();

break;

case 2:

while(true)

{

System.out.println("PRESS 1 FOR FILE CREATION");

System.out.println("PRESS 2 FOR FILE REMOVE");

System.out.println("PRESS 3 FOR SEARCH FILE");

System.out.println("PRESS 4 FOR RETURN TO MAIN MENU");

System.out.println("PLEASE ENTER YOUR CHOICE");

int ch =sc.nextInt();

if(ch==1)

{

System.out.println("PLEASE ENTER YOUR FILE NAME FOR CREATING NEW FILE");

fileName=sc.next();

File file = new File("C:\Users\Saiku\Desktop\simiplilearn" + fileName + ".txt");

if (file.exists()) {

System.out.println("file already exists");

}

else {

try {

file.createNewFile();

System.out.println("File created Successfully\n");

}

catch (IOException e) {

System.out.println("Please enter a valid file name");

e.printStackTrace(); }

}

}

else if (ch==2) {

System.out.println("Enter the file name which you want to delete");

fileName = sc.next();

File file = new File("C:\Users\Saiku\Desktop\simiplilearn" + fileName + ".txt");

if (file.delete()) {

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

}

else {

System.out.println("Failed to delete the file");

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

}

}

else if (ch==3) {

System.out.println("Enter the file name with .txt extention to search");

fileName = sc.next();

File dir = new File("C:\Users\Saiku\Desktop\simiplilearn");

int flag = 0;

String files1[] = dir.list();

for (String string : files1) {

if (string.equals(fileName)) {

System.out.println("File " + fileName + " found");

flag++;

break;

}

}

if (flag == 0) {

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

}

}

else if (ch==4) {

break;

}

else {

System.out.println("WRONG CHOICE");

}

}

break;

case 3:

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

break;

default:

System.out.println("WRONG CHOICE");

}

}while(choice!=3);

}

}