**MY SOURCE CODE FOR PHASE-1 PROJECT**

package phase1project;

import java.io.File;

import java.io.\*;

import java.io.IOException;

import java.util.Arrays;

import java.util.Scanner;

import javax.swing.plaf.synth.SynthStyle;

public class FileHandlind{

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

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

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* DEVELOPED BY VITTALNAIK \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

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

System.out.println();

mainmenu();

}

public static void mainmenu() throws IOException {

File f=new File("E:/vittal");

f.mkdir();

File f1=new File("E:/vittal/abc.txt");

f1.createNewFile();

File f2=new File("E:/vittal/xyz.txt");

f2.createNewFile();

File f3=new File("E:/vittal/fire.txt");

f3.createNewFile();

File f4=new File("E:/vittal/sun.txt");

f4.createNewFile();

File f5=new File("E:/vittal/Apple.txt");

f5.createNewFile();

System.out.println("1.files in directory");

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

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

// user input through scanner class

Scanner sc=new Scanner(System.in);

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

int opt=sc.nextInt();

switch (opt) {

case 1: System.out.println("files in "+ "vittal " +"directory in sorted order");

String[] s=f.list();

Arrays.sort(s);

for(String s1:s)

{

System.out.println(s1);

}

mainmenu();

break;

case 2: System.out.println("Business operations");

System.out.println("1.create new file");

System.out.println("2. delete file");

System.out.println("3.search file");

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

System.out.println("select your option");

Scanner sc1=new Scanner(System.in);

int option=sc.nextInt();

switch(option) {

case 1: System.out.println("create a new file in existing directory");

System.out.println("ENTER THE FILE NAME TO CRAEATE ");

String file1=sc1.nextLine();

try {

File file=new File("E:/vittal/"+file1+".txt");

if(file.createNewFile()) {

System.out.println("new file created");

}else {

if(file.exists()){

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

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

}

}

}catch(Exception e) {

e.printStackTrace();

}

break;

case 2:System.out.println("deleting file");

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

String fd=sc1.nextLine();

try {

File FD=new File("E:/vittal/"+fd+".txt");

if(FD.exists()) {

FD.deleteOnExit();

System.out.println("file deleted");

}else {

System.out.println("file not exist in directory");

}

}catch (Exception ee) {

ee.printStackTrace();

}

break;

case 3:System.out.println("search file");

System.out.println("Enter file name to search ");

String fc=sc1.nextLine();

File FC=new File("E:/vittal/"+fc+".txt");

if(FC.exists()) {

System.out.println("file exist in directory");

}else {

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

}

break;

case 4:System.out.println("return to main menu");

mainmenu();

break;

}

mainmenu();

break;

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

System.exit(opt);

}

}

}

// TODO Auto-generated method stub