**SOURCE CODE**

**package** LOckedMe.project;

**import** java.io.File;

**import** java.io.IOException;

**import** java.util.Scanner;

**class** FileOperation

{

**static** **int** *choice*;

**static** **int** *Fchoice*;

**static** String *location* = "C:\\vinay\\project\\final";

**public** **static** **void** operation() **throws** IOException

{

**do**

{

**int** choice=0;

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

System.***out***.println("Select the Options Given Below:");

System.***out***.println("1. Retrieve All Files inside Main Folder");

System.***out***.println("2. Perform File Operations");

System.***out***.println("3. Exit\n");

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

choice= sc.nextInt();

**switch**(choice)

{

**case** 1:

File Fobj = **new** File("C:\\vinay\\project\\final");

File fa[] = Fobj.listFiles();

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

{

**if**(fa[i].isFile())

{

System.***out***.println("File: "+fa[i] +"\n");

}

}

**break**;

**case** 2:

**do**

{

**int** count=0;

System.***out***.print("\u000C");

System.***out***.println("\*\*FILE OPERATION SECTION\*\*");

System.***out***.println("Select the Options Given Below:");

System.***out***.println("1. Add File");

System.***out***.println("2. Delete File");

System.***out***.println("3. Search File");

System.***out***.println("4. Goback to Main Menu");

//System.out.println("5. Exit\n");

*Fchoice*= sc.nextInt();

**switch**(*Fchoice*)

{

**case** 1:

System.***out***.println("Please Enter the File name :");

String str2 = sc.next();

File addfile = **new** File(*location*+"\\"+str2);

**if**(addfile.exists())

{

System.***out***.println("Already exits !! Please Enter Again\n");

}

**else**

{

**try**

{

addfile.createNewFile();

System.***out***.println("!!Your file is successfully created!!!\n");

}**catch**(IOException e)

{

e.printStackTrace();

}

}

**break**;

**case** 2:

//System.out.println(" Delete File ");

System.***out***.println("Please Enter the File name to be deleted :");

String st = sc.next();

File delFile = **new** File(*location*+"\\"+st);

**if**(delFile.exists())

{

delFile.delete();

System.***out***.println(delFile+" File is Deleted\n");

}**else**

{

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

}

**break**;

**case** 3:

System.***out***.println("Please Enter Name of the File to be searched :");

st = sc.next();

File fsearch = **new** File("C:\\vinay\\project\\final");

File fsa[] = fsearch.listFiles();

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

**if**(fsa[i].getName().startsWith(st)) {

count++;

**if**(fsa[i].isFile()) {

System.***out***.println("File is found : "+fsa[i]+"\n\n");

}

}

}

**if**(count==0)

System.***out***.println("File is not found\n");// here we get file not found exception

**break**;

**case** 4:

**break**;

/\*case 5:

System.out.println("Thanks for using my application");

System.exit(1);

break;\*/

**default**:

System.***out***.println("\*\*\*\*\*you enetered Invalid input\*\*\*\*\*\*");

}

System.***out***.println("Press Enter to continue...");

System.***in***.read();

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

**break**;

**case** 3:

System.***out***.println("Thanks for using my application");

System.*exit*(1);

**default**:

System.***out***.println("\*\*\*\*you entered Invalid input\*\*\*\*\*");

} // Switch close

}**while**(*choice*!=3); // do close

} //method close

} // class close

**public** **class** LockedMe {

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

String str = "vinay"

+ "";

String appName = "LockedMe";

File mFolder =**new** File("C:\\vinay\\project\\final");

System.***out***.println("Welcome to Virtual Key for Repositories in JAVA\n\n");

System.***out***.println("ApplicationName:"+ appName +" developed by "+str);

System.***out***.println("Press Enter to continue...");

System.***in***.read();

//System.out.print("\u000C");

FileOperation.*operation*();

}

}