**package** com.lockedme.com;

**import** java.io.File;

**import** java.io.FileWriter;

**import** java.io.IOException;

**import** java.util.Arrays;

**import** java.util.Scanner;

**public** **class** VirtualKeyRepository {

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

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

System.***out***.println(" \n Virtual Key Repository ");

System.***out***.println(" \n Developer Details : ");

System.***out***.println("\nName : A.Jeffrin Mary");

System.***out***.println("Designation : Software Developer");

System.***out***.println("Developed on : 11-05-2021 ");

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

System.***out***.println("Enter your choice: \n"+" 1.Get File Names in ascending order \n"+" 2.For Business Level Operations \n"+" 3.Exit Application \n");

**while**(**true**) {

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

**int** choice=sc.nextInt();

**if**(choice<=3)

System.***out***.println("The Choice Entered is "+choice);

**else**

System.***err***.println("Enter Correct Choice!!!");

**switch**(choice) {

**case** 1:

*SortFile*();

**break**;

**case** 2:

System.***out***.println("Welcome to Business level operations/n"+"\"Enter your choice:1.Addfile; 2.Delete File; 3.Search File;\n" );

Scanner sc4=**new** Scanner(System.***in***);

**int** choice1=sc4.nextInt();

System.***out***.println(choice1);

**if**(choice1==1) {

*NewFile*();

}

**else** **if**(choice1==2){

*DeleteFile*();

}

**else** **if**(choice1==3) {

*SearchFile*();

}

**else** {

System.***err***.println("Enter Valid choice!!");

}

**break**;

**case** 3:

System.***out***.println("Successfully exited application!!!!");

System.*exit*(choice);

}

}

}

**public** **static** **void** SortFile() {

System.***out***.println("Enter the Path of the folder to sort the Filelist: (e.g --> path\\\\FileName.txt)");

Scanner sc3=**new** Scanner(System.***in***);

String path=sc3.next();

File FileName=**new** File(path);

System.***out***.println("Listing the files available: \n");

File[] Name=FileName.listFiles();

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

System.***out***.println(Name[i]);

}

Arrays.*sort*(Name);

System.***out***.println("/n" + "File Names in Ascending Order :\n");

**for**(File file:Name) {

System.***out***.println(file.getName());

}

}

**public** **static** **void** NewFile() **throws** IOException {

System.***out***.println("Enter the Name of the file to be created: (e.g --> path\\\\FileName.txt)");

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

String s=sc.nextLine();

File obj=**new** File(s);

**if**(obj.createNewFile()) {

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

}

**else** {

System.***err***.println("File already exists");

}

}

**public** **static** **void** DeleteFile() **throws** IOException {

System.***out***.println("Enter the Name of the file to be deleted:(e.g --> path\\\\FileName.txt) ");

Scanner sc1=**new** Scanner(System.***in***);

String s1=sc1.nextLine();

File obj1=**new** File(s1);

**if**(obj1.delete()) {

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

}

**else** {

System.***err***.println("File Not Found");

}

}

**public** **static** **void** SearchFile() {

Scanner sc2 = **new** Scanner(System.***in***);

System.***out***.println("Enter the file name you want to search : (e.g --> path\\\\FileName.txt)");

String filename = sc2.nextLine();

File f= **new** File(filename);

**if**( f.exists())

{

System.***out***.println("File Found!!");

}

**else**

System.***err***.println("File Not Found");

}

}