

```

package com.Ass;

import java.io.*;
import java.util.Scanner;
import java.io.IOException;
public class VirtualKeyAsse {

    public static void main(String[] args) throws IOException, InterruptedException
    {
        Scanner sc = new Scanner(System.in);
        int choice,Fchoice,OP, fc=0,j,count=0;
        String st;
        File mFolder =new File("C:\\Users\\Lokesh\\Desktop\\JAVAMAIN");
        mFolder.mkdir();
        String location = "C:\\Users\\Lokesh\\Desktop\\JAVAMAIN";

        System.out.println("Welcome to Virtual Key for Repositories in JAVA\\n\\n");
        System.out.println("Press Enter to continue...");
        System.in.read();
        System.out.print("\u000C");
        do {
            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");
            choice= sc.nextInt();
            switch(choice) {
            case 1:
                File F = new File("C:\\Users\\Lokesh\\Desktop\\JAVAMAIN");
                File Farray[] = F.listFiles();
                for(int i=0;i<Farray.length;i++) {
                    if(Farray[i].isFile()) {
                        System.out.println("File: "+Farray[i] + "\\n\\n");
                    }
                    else if(Farray[i].isDirectory()) {
                        System.out.println("Folder: "+Farray[i]+"\\n\\n");
                    }
                }
                break;
            case 2:
                do {
                    count=0;
                    System.out.print("\u000C");
                    System.out.println("FOLDER/FILE OPERATION SECTION");
                    System.out.println("Select the Options Given Below:");
                    System.out.println("1. Add File/Folder");
                    System.out.println("2. Delete File/Folder");
                    System.out.println("3. Search File/Folder");
                    System.out.println("4. Goback Main Menu");
                    System.out.println("5. Exit\\n");
                    Fchoice= sc.nextInt();
                    switch(Fchoice) {
                    case 1:

                        System.out.println("Want to add File or Folder?");
                        System.out.println("Press 1 for Folder, Press 2 for File:");
                        OP= sc.nextInt();
                        switch(OP) {
                        case 1:
                            System.out.println("Please Enter the Folder name");
                            String str1 = sc.next();
                            File addfolder = new File(location+"\\\\"+str1);
                            if(addfolder.exists()) {
                                System.out.println("Already exists !! Please Enter Again\\n");
                            }
                            else {
                                addfolder.mkdir();
                                System.out.println("!!Your Folder is created!!!\\n");
                            }
                            break;
                        case 2:
                            System.out.println("Please Enter the File name with extension");
                            String str2 = sc.next();
                            File addfile = new File(location+"\\\\"+str2);
                            if(addfile.exists()) {
                                System.out.println("Already exists !! Please Enter Again\\n");
                            }
                            else {
                                try {
                                    addfile.createNewFile();
                                    System.out.println("!!Your file is created!!!\\n");
                                } catch (IOException e) {
                                    e.printStackTrace();
                                }
                            }
                        }
                    }
                }
                break;
            default:
                System.out.println("Please Enter Correct Value!!!!\\n");
            }
        }
    }
}

```

```

    }

    break;
case 2:

    fc = 0;
    System.out.println("Want to Delete File or Folder?");
    System.out.println("Press 1 for Folder, Press 2 for File:");
    fc = sc.nextInt();
    switch(fc) {
        case 1:
            System.out.println("Please Enter the Folder name");
            st = sc.next();
            File delFolder = new File(location+"\\ "+st);
            if(delFolder.exists()) {
                delFolder.delete();
                System.out.println("Folder Deleted\n");
            }
            else {
                System.out.println("!!Folder not Found!!!\n");
            }
            break;
        case 2:
            System.out.println("Please Enter the File name with extension");
            st = sc.next();
            File delFile = new File(location+"\\ "+st);
            if(delFile.exists()) {
                delFile.delete();
                System.out.println("File Deleted\n");
            }
            else {
                System.out.println("!!File not Found!!!\n");
            }
            break;
        default:
            System.out.println("Please Enter Correct Value!!!!\n");
    }
    break;

case 3:
    System.out.println("Please Enter Name of File/Folder:");
    st = sc.next();
    File fsearch = new File("C:\\Users\\Lokesh\\Desktop\\JAVAMAIN"
        + " ");
    File FSarray[] = fsearch.listFiles();
    for(int i=0;i<FSarray.length;i++) {
        if(FSarray[i].getName().startsWith(st)) {
            count++;
            if(FSarray[i].isFile()) {
                System.out.println("File: "+FSarray[i]+"\\n\\n");
            }
            else if(FSarray[i].isDirectory()) {
                System.out.println("Folder: "+FSarray[i]+"\\n\\n");
            }
        }
    }
    if(count==0)
        System.out.println("No Record found\n");
    break;
case 4:
    break;
case 5:
    System.out.println("Thanks for using my application");
    System.exit(1);
    break;

default:
    System.out.println("Wrong 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("Wrong input");
    }
}while(choice!=3);
sc.close();
}

}

```