|  |
| --- |
| package phase1project.org.com; |
|  |  |
|  |  |
|  |  |
|  | import java.io.\*; |
|  | import java.util.Scanner; |
|  | import java.io.IOException; |
|  | public class LockedMeProgram { |
|  |  |
|  | public static void main(String[] args)throws IOException, InterruptedException |
|  | { |
|  | Scanner sc = new Scanner(System.in); |
|  | int choice,Fchoice,OPchoice, fc=0,j, count=0; |
|  | String st; |
|  | File mFolder =new File("C:\\Users\\ vandana\\laptop\\JAVAMAIN"); |
|  | mFolder.mkdir(); |
|  | String location = "C:\\Users\\vandana\\laptop\\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"); { |
|  | 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 Fobj = new File("C:\\Users\\ vandana\\laptop\\JAVAMAIN"); |
|  | File Farray[] = Fobj.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:"); |
|  | OPchoice= sc.nextInt(); |
|  | switch(OPchoice) { |
|  | 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 exits !! 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 exits !! 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\\ vandana\\laptop\\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(); |
|  |  |
|  | } |
|  |  |
|  | } |