

Unified Access x Mail - Mulagala S - Outlook x Self learning x DEFAULT x WhatsApp x +

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Applications eclipse-workspace - mo... 10:33 mulagalasmphasi

eclipse-workspace - mohan/src/mohan/filehandling.java - Eclipse IDE

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Package Explorer

- mohan
  - src
    - mohan
      - arithmeticcalculator.java
      - emailid.java
      - filehandling.java
      - package-info.java
- JRE System Library [java-8-openjdk-amd64]

```
1 package mohan;
2 import java.io.BufferedReader;
3 import java.io.BufferedWriter;
4 import java.io.File;
5 import java.io.FileReader;
6 import java.io.FileWriter;
7 import java.io.IOException;
8 import java.util.Scanner;
9 import java.util.StringTokenizer;
10 public class filehandling{
11 public static void main(String[] args) {
12 @SuppressWarnings("resource")
13 Scanner strInput = new Scanner(System.in);
14 String choice,cont = "YES";
15
16 while( cont.equalsIgnoreCase("YES") ) {
17 System.out.println("\t\t Employee Information System\n\n");
18
19 System.out.println("1 Add New Employee Record : ");
20 System.out.println("2 View All Employee Record :");
21 System.out.println("3 Delete Employee Record :");
22 System.out.println("4 Search Specific Record :");
23 System.out.println("5 Update Specific Record :");
24
25 System.out.print("\n\n");
26 System.out.println("SELECT FROM ABOVE OPTIONS: ");
27 choice = strInput.nextLine();
28
29 if( choice.equals("1") ) {
30 try {
31 AddRecord();
```

Writable Smart Insert 9 : 34

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```
31 AddRecord();
32 } catch (IOException e) {
33 // TODO Auto-generated catch block
34 e.printStackTrace();
35 }
36 } else if( choice.equals("2") ) {
37 try {
38 ViewAllRecord();
39 } catch (IOException e) {
40 // TODO Auto-generated catch block
41 e.printStackTrace();
42 }
43 } else if( choice.equals("3") ) {
44 try {
45 DeleteRecordByID();
46 } catch (IOException e) {
47 // TODO Auto-generated catch block
48 e.printStackTrace();
49 }
50 } else if( choice.equals("4") ) {
51 try {
52 SearchRecordByID();
53 } catch (IOException e) {
54 // TODO Auto-generated catch block
55 e.printStackTrace();
56 }
57 } else if( choice.equals("5") ) {
58 try {
59 updateRecordByID();
60 } catch (IOException e) {
61 // TODO Auto-generated catch block
```

Writable Smart Insert 61 : 26

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```
62 e.printStackTrace();
63 }
64 }
65 }
66 System.out.println("DO YOU WANT TO CONTINUE :YES/NO");
67 cont = strInput.nextLine();
68 }
69 }
70 }
71 public static void AddRecord() throws IOException {
72
73     BufferedWriter bufferwriter = new BufferedWriter( new
74     FileWriter("records.txt",true) );
75     @SuppressWarnings("resource")
76     Scanner strInput = new Scanner(System.in);
77
78     String ID, name, age, addr;
79
80     System.out.print("Enter the Employee ID: ");
81     ID = strInput.nextLine();
82     System.out.print("Enter the Employee Name: ");
83     name = strInput.nextLine();
84     System.out.print("Enter the Employee Age: ");
85     age = strInput.nextLine();
86     System.out.print("Enter the Employee Address: ");
87     addr = strInput.nextLine();
88
89     bufferwriter.write(ID + "," + name + "," + age + "," + addr);
90     bufferwriter.flush();
91     bufferwriter.newLine();
92     bufferwriter.close();
```

Writable Smart Insert 92 : 23

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```
92 bufferwriter.close();
93
94 }
95
96
97
98 public static void ViewAllRecord() throws IOException {
99     BufferedReader br = new BufferedReader( new FileReader("records.txt") );
100
101     String record;
102
103     System.out.println(" ----- ");
104     System.out.println("| ID Name Age Address |");
105     System.out.println(" ----- ");
106
107     while( ( record = br.readLine() ) != null ) {
108
109         StringTokenizer st = new StringTokenizer(record," ");
110
111         System.out.println("| "+st.nextToken()+" "+st.nextToken()+" "+st.nextToken()+" "+st.nextToken()+" |");
112     }
113
114     System.out.println(" |");
115
116     System.out.println(" ----- ");
117     br.close();
118 }
119
120
121
122 public static void DeleteRecordByID() throws IOException {
```

Writable Smart Insert 122 : 26

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```
122 public static void DeleteRecordByID() throws IOException {
123     @SuppressWarnings("resource")
124     Scanner strInput = new Scanner(System.in);
125     String ID, record;
126
127     File tempDB = new File("records temp.txt");
128     File db = new File("records.txt");
129
130
131
132     BufferedReader br = new BufferedReader( new FileReader( db ) );
133     BufferedWriter bw = new BufferedWriter( new FileWriter( tempDB ) );
134
135
136     System.out.println("\t\t Delete Employee Record\n");
137
138     System.out.println("Enter your Employee ID: ");
139     ID = strInput.nextLine();
140
141
142     while( ( record = br.readLine() ) != null ) {
143
144
145         if( record.contains(ID) )
146             continue;
147
148         bw.write(record);
149         bw.flush();
150         bw.newLine();
151     }
152 }
```

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