

WriteToFile.java

```

1 package CV;
2
3 import java.io.File;
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6
7
8 public class WriteToFile {
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10
11
12     private static ArrayList<String> general_info_data;
13     private static ArrayList<String> general_info_labels;
14
15     private static Section[] array_of_sections=new Section[8];
16
17     private static String Template;
18
19     public WriteToFile(Section[] array_of_sections,String Template){
20
21         this.array_of_sections=array_of_sections;
22
23         this.Template=Template;
24     }
25
26
27
28
29
30     public void collectData(ArrayList<String> list,ArrayList<String> labels){
31
32         general_info_labels=labels;
33         general_info_data=list;
34     }
35
36
37
38
39
40     public void writeTotxt(File file){
41
42         try{
43             PrintWriter writer = new PrintWriter(file.getPath(), "UTF-8");
44             writer.println("\t"+Template);
45             writer.println(" "+array_of_sections[0].getSectionName());
46             for(int i=0;i<general_info_labels.size();i++){
47                 writer.print(" "+general_info_labels.get(i));
48                 writer.println(general_info_data.get(i));
49             }
50             for(int i=1;i<array_of_sections.length;i++){
51                 writer.println(" "+array_of_sections[i].getSectionName());
52
53                 if(array_of_sections[i].sectionHasBulletList() && array_of_sections[i].sectionHasParagraph()){
54
55                     for(int
56                         k=0;k<array_of_sections[i].getBullet().getContents().size();k++){
57                         writer.print(" ");
58                     }
59                     for(int
60                         q=0;q<array_of_sections[i].getBullet().getLabels().size();q++){
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writer.print(array_of_sections[i].getBullet().getLabels().get(q));
59 writer.print(array_of_sections[i].getBullet().getContents().get(k).get(q));
60
61 if(q<array_of_sections[i].getBullet().getLabels().size()-1){
62     writer.print(",");
63 }
64 writer.println("");
65
66 if(!array_of_sections[i].getParagraph().getListContents().get(k).equals("")){
67     writer.println("    Responsibilities");
68
69     writer.println(array_of_sections[i].getParagraph().getListContents().get(k));
70
71     }
72     if(array_of_sections[i].getBullet().ListHasItem()){
73         for(int
74             j=0;j<array_of_sections[i].getBullet().getItem().getContents().get(k).size();j++){
75             writer.print("    ");
76             writer.print("* :");
77
78             writer.print(array_of_sections[i].getBullet().getItem().getContents().get(k).get(j));
79             writer.println("");
80         }
81     }
82     }else if(array_of_sections[i].sectionHasParagraph()){
83         writer.print(array_of_sections[i].getParagraph().getContents()
84 );
85         writer.println("");
86     }else if(array_of_sections[i].sectionHasBulletList()){
87         for(int
88             k=0;k<array_of_sections[i].getBullet().getContents().size();k++){
89             writer.print("    ");
90             for(int
91                 q=0;q<array_of_sections[i].getBullet().getLabels().size();q++){
92                 writer.print(array_of_sections[i].getBullet().getLabels().get(q));
93                 writer.print(array_of_sections[i].getBullet().getContents().get(k).get(q));
94                 if(q<array_of_sections[i].getBullet().getLabels().size()-1){
95                     writer.print(",");
96                 }
97                 writer.println("");
98
99                 if(array_of_sections[i].getBullet().ListHasItem()){
100                     for(int
101                         j=0;j<array_of_sections[i].getBullet().getItem().getContents().get(k).size();j++){
102                         writer.print("    ");
103                         writer.print("* :");

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writer.print(array_of_sections[i].getBullet().getItem().getContents().get(k).get(j));
104         writer.println("");
105
106         }
107     }
108 }
109
110     }
111
112     }
113
114
115     writer.close();
116 } catch (IOException e) {
117     // do something
118 }
119
120
121 }
122
123 public void writeToLatex(File file){
124
125
126     try{
127
128         PrintWriter writer = new PrintWriter(file.getPath(), "UTF-8");
129
130
131         writer.println("\\documentclass{article}");
132         writer.println("\\usepackage{blindtext}");
133         writer.println("\\usepackage[utf8]{inputenc}");
134         writer.println("\\begin{document}");
135
136
137         writer.print(Template);
138         writer.println("\\\\");
139         writer.print("GENERAL INFORMATION"+array_of_sections[0].getSectionName());
140         writer.println("\\\\");
141         for(int i=0;i<general_info_labels.size();i++){
142             writer.print(general_info_labels.get(i));
143             writer.print(general_info_data.get(i));
144             writer.println("\\\\");
145         }
146         for(int i=1;i<array_of_sections.length;i++){
147             writer.print(array_of_sections[i].getSectionName());
148             writer.println("\\\\");
149
150             if(array_of_sections[i].sectionHasBulletList() && array_of_sections[i].sectionHasParagraph()) {
151                 for(int
152 k=0;k<array_of_sections[i].getBullet().getContents().size();k++){
153                     for(int
154 q=0;q<array_of_sections[i].getBullet().getLabels().size();q++){
155                         writer.print("
156 "+array_of_sections[i].getBullet().getLabels().get(q));
157
158                         writer.print(array_of_sections[i].getBullet().getContents().get(k).get(q));

```

```

156
157     if(q<array_of_sections[i].getBullet().getLabels().size()-1){
158         writer.print(",");
159     }
160     writer.println("\\\\");
161
162     if(!array_of_sections[i].getParagraph().getlistContents().get(k)
163 ).equals("")){
164         writer.println("Responsibilities\\\\");
165     writer.print(array_of_sections[i].getParagraph().getlistContents().get(k));
166     writer.println("\\\\");
167 }
168
169     if(array_of_sections[i].getBullet().ListHasItem()){
170         for(int
171 j=0;j<array_of_sections[i].getBullet().getItem().getContents().get(k).size();j++){
172             writer.print("** :");
173     writer.print(array_of_sections[i].getBullet().getItem().getContents().get(k).get(j));
174     writer.println("\\\\");
175 }
176 }
177 }
178 }
179
180
181     }else if(array_of_sections[i].sectionHasParagraph()){
182
183         writer.print(array_of_sections[i].getParagraph().getContents());
184         writer.println("\\\\");
185
186     }else if(array_of_sections[i].sectionHasBulletList()){
187
188         for(int
189 k=0;k<array_of_sections[i].getBullet().getContents().size();k++){
190             for(int
191 q=0;q<array_of_sections[i].getBullet().getLabels().size();q++){
192                 writer.print("
193 "+array_of_sections[i].getBullet().getLabels().get(q));
194     writer.print(array_of_sections[i].getBullet().getContents().get(k).get(q));
195     if(q<array_of_sections[i].getBullet().getLabels().size()-1){
196         writer.print(",");
197     }
198     writer.println("\\\\");
199
200     if(array_of_sections[i].getBullet().ListHasItem()){
201         for(int
202 j=0;j<array_of_sections[i].getBullet().getItem().getContents().get(k).size();j++){
203             writer.print("** :");

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```
writer.print(array_of_sections[i].getBullet().getItem().getContents().get(k).get(j));
204         writer.println("\\\\");
205
206     }
207 }
208 }
209
210 }
211
212 }
213 writer.println("\\end{document}");
214
215 writer.close();
216 } catch (IOException e) {
217     // do something
218 }
219
220
221 }
222 }
223
```