

```

1 package CV;
2
3 import java.io.File;
4 import java.io.IOException;
5 import java.io.PrintWriter;
6
7 public class WriteToFileLatex extends GeneralWriteToFile {
8
9     public WriteToFileLatex(Section[] array_of_sections, String template) {
10         super(array_of_sections, template);
11     }
12
13     public void writeToLatex(File file){
14         try{
15
16             PrintWriter writer = new PrintWriter(file.getPath(), "UTF-8");
17
18
19             writer.println("\\documentclass{article}");
20             writer.println("\\usepackage{blindtext}");
21             writer.println("\\usepackage[utf8]{inputenc}");
22             writer.println("\\begin{document}");
23
24
25             writer.print(Template);
26             writer.println("\\\\");
27             writer.print("GENERAL INFORMATION"+array_of_sections[0].getSectionName());
28             writer.println("\\\\");
29             for(int i=0;i<general_info_labels.size();i++){
30                 writer.print(general_info_labels.get(i));
31                 writer.print(general_info_data.get(i));
32                 writer.println("\\\\");
33             }
34             for(int i=1;i<array_of_sections.length;i++){
35                 writer.print(array_of_sections[i].getSectionName());
36                 writer.println("\\\\");
37
38                 if(array_of_sections[i].sectionHasBulletList() && array_of_sections[i].sectionHasParagraph()) {
39                     for(int
40 k=0;k<array_of_sections[i].getBullet().getContents().size();k++){
41                         for(int
42 q=0;q<array_of_sections[i].getBullet().getLabels().size();q++){
43                             writer.print("
44 "+array_of_sections[i].getBullet().getLabels().get(q));
45                             writer.print(array_of_sections[i].getBullet().getContents().get(k).get(q));
46                             if(q<array_of_sections[i].getBullet().getLabels().size()-1){
47                                 writer.print(",");
48                             }
49                             writer.println("\\\\");
50                             if(!array_of_sections[i].getParagraph().getListContents().get(k)
51 ).equals("")){
52                                 writer.println("Responsibilities\\\\");

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52 writer.print(array_of_sections[i].getParagraph().getListContents().get(k));
53         writer.println("\\\\");
54     }
55
56
57         if(array_of_sections[i].getBullet().ListHasItem()){
58             for(int
59 j=0;j<array_of_sections[i].getBullet().getItem().getContents().get(k).size();j++){
59
60                 writer.print("** :");
61
62 writer.print(array_of_sections[i].getBullet().getItem().getContents().get(k).get(j));
62                 writer.println("\\\\");
63
64             }
65         }
66     }
67
68
69     }else if(array_of_sections[i].sectionHasParagraph()){
70
71         writer.print(array_of_sections[i].getParagraph().getContents());
72         writer.println("\\\\");
73
74     }else if(array_of_sections[i].sectionHasBulletList()){
75
76         for(int
77 k=0;k<array_of_sections[i].getBullet().getContents().size();k++){
77
78             for(int
79 q=0;q<array_of_sections[i].getBullet().getLabels().size();q++){
79                 writer.print("
80 "+array_of_sections[i].getBullet().getLabels().get(q));
80
81 writer.print(array_of_sections[i].getBullet().getContents().get(k).get(q));
81
82         if(q<array_of_sections[i].getBullet().getLabels().size()-1){
82             writer.print(",");
83         }
84     }
85     writer.println("\\\\");
86
87         if(array_of_sections[i].getBullet().ListHasItem()){
88             for(int
89 j=0;j<array_of_sections[i].getBullet().getItem().getContents().get(k).size();j++){
89
90                 writer.print("** :");
91
92 writer.print(array_of_sections[i].getBullet().getItem().getContents().get(k).get(j));
92                 writer.println("\\\\");
93
94             }
95         }
96     }
97
98 }
99
100 }

```

WriteToFileLatex.java

```
101         writer.println("\\end{document}");
102
103         writer.close();
104     } catch (IOException e) {
105         // do something
106     }
107
108 }
109 }
110
```