

```
1:  /*
2:
3:  Jared Dyreson
4:  CWID: 889546529
5:  FileHandler.java ->
6:
7:  */
8:  import java.io.IOException;
9:  import java.nio.file.Files;
10: import java.nio.file.Path;
11: import java.nio.file.Paths;
12:
13: import java.io.File;
14: import java.text.SimpleDateFormat;
15:
16: public class FileHandler {
17:     // Auto generated with caffeine and networking.service
18:
19:     private String path = "";
20:     private File file;
21:
22:     public FileHandler(String path_to_file){
23:         this.path = path_to_file;
24:         this.file = new File(this.path);
25:     }
26:
27:     public String get_path(){
28:         return path;
29:     }
30:     public String get_absolute_path(){
31:         if(this.file.exists()){
32:             return this.file.getAbsolutePath();
33:         }
34:         return "";
35:     }
36:     public String get_last_modified(){
37:         SimpleDateFormat formatter = new SimpleDateFormat("MM/dd/yyyy HH:mm:ss");
38:         return formatter.format(this.file.lastModified());
39:     }
40:     public String get_mime_type() throws IOException{
41:         if(this.file.isDirectory()){ return "dir"; }
42:         Path source = Paths.get(this.path);
43:         return Files.probeContentType(source);
44:     }
45:
46:     public static void main(String args[]){
47:         FileHandler f = new FileHandler("temp/");
48:         try{
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49:                System.out.println(f.get_mime_type());
50:                System.out.println(f.get_last_modified());
51:                System.out.println(f.get_absolute_path());
52:            }
53:            catch (Exception error) {
54:                System.out.println(error);
55:            }
56:
57:    }
58: }
```