

## 1. open\_character\_stream

`[1,2,4]:String fname = null``[1,3,4]:String fname = "input.txt"``[1,3,4]:String fname = "haha"`

TR for edge coverage

CFG

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Block	Lines	Entry	Exit
1	26, 27	26	27
2	28	28	28
3	31, 32	31	32
4	39	39	39

```
25  BufferedReader open_character_stream(String fname) {  
26      BufferedReader br = null;  
27      if (fname == null) {  
28          br = new BufferedReader(new InputStreamReader(System.in));  
29      } else {  
30          try {  
31              FileReader fr = new FileReader(fname);  
32              br = new BufferedReader(fr);  
33              } catch (FileNotFoundException e) {  
34                  System.out.print("The file " + fname + " doesn't exists\n");  
35                  e.printStackTrace();  
36              }  
37      }  
38      return br;  
39  }  
40  }
```

