

Practice Problems: File I/O

1. File I/O and exception throw

- a. (FileLetter.java) Write a program that asks the user to enter the name of a file, and then asks the user to enter a character. The program should check the validation of such a file (i.e., existing or not), and avoid using any unaccepted file name. Then, the program will count and display (on screen) the number of times that the specified character appears in the file. This program is required not to throw any exception.
- b. (FileLetterSimple.java) Redo the above question with “throw”.
- c. (FileHead.java) Write a program that asks the user for the name of a file. The program should check the validation of such a file (i.e., existing or not), and avoid using any unaccepted file name. The program should display only the first 5 lines of the file’s content. If the file contains fewer than 5 lines, it should display the file’s entire contents. This program is required not to throw any exception.
- d. (FileHeadSimple.java) Redo question c with “throw”.