

Basic I/O

Workshop 8

In this workshop, you'll learn:

- Basic I/O
- I/O streams

Exercise 1: Write a program to read a text file and encrypt it by shifting every character forward (in the ASCII table): all characters 'a' replaced by 'd', 'b' replaced by 'e', 'c' replaced by 'f', and so on. Save the encrypted content to an output text file.

Exercise 2: Create a class Student includes name, age, mark and necessary methods. Using *FileWriter*, *FileReader* and *BufferedReader* to write a program that has functional menu:

```
Menu
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1. Add a list of Students and save to File
2. Loading list of Students from a File
3. Exit
Your choice: _
```

+ Save to File: input information of several students and write that information into a text file, each student in a line (use tabs to separate the fields)

+ Read File: read and display information of students

Exercise 3: Accept a file name from users and display the content of entered file. Display the error message if that file does not exists.

Exercise 4: Accept a file name from users (src) and the folder name (dest). Copy src to dest (if any), display the error message if src or dest do not exists.