

EXERCISE

Overview

We use `BufferedReader` for reading and `BufferedWriter` for writing text data to/from a file.

Underneath, `FileReader` and `FileWriter` classes are used.

But if we do not wrap `FileReader` and `FileWriter` classes, we only read or write single characters.

But with `BufferedReader`, we may read or write a complete line.

PLATFORM

Java 8 JDK

Eclipse IDE

Objectives

- Using `FileReader`, `FileWriter`, `BufferedReader`, `BufferedWriter`.
- Read character files line by line
- String replacement, date formatting

Activities

We have some dates written line by line in a text file. We will read that file and write to another file with given format. In box, you may find the file content.

January 2, 2010

February 12, 2013

March 3, 2015

June 2, 2016

February 1, 2009

Create a class `FileConverter` and add

`“public void convertFile(String inputPath, String outputPath, String newDateFormat)”` method.

inputPath: where to read file from

outputPath: where to write the new file

newDateFormat: how to write each date

line by line

`FileConverter() converter= new FileConverter();`

`converter. convertFile(“c:/myfile.txt”, “d:/myfile2.txt”, “dd/MM/yyyy”)`

Content of the new file is shown at right.

02/01/2010

12/02/2013

03/03/2015

02/06/2016

02/01/2009