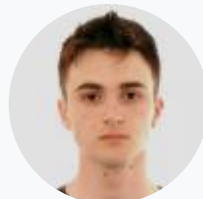




7000

Score: 17.500 (=100.0%)



Dominik
Barukčić
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4 days

23:51:55

Done

Score: 2.500 (=100.0%)

Id: 42252

Napišite klasu `FileEditor` koja ima statičku metodu:

```
/**
 * Reads input file encoded in UTF-8, process content and writes it to output file.
 * @param inputFile input file
 * @param outputFile output file
 * @throws IOException
 */
public static void processFile(Path inputFile, Path outputFile) throws IOException
```

Metoda čita retke iz ulazne datoteke, obradi svaki redak i obrađeni redak zapisuje u izlaznu datoteku. Tekstualne datoteke na Linuxu imaju završetak reda `\n`, a na Windowsima imaju `\r\n`. Zadana metoda čita retke u formatu Windowsa, a sprema u formatu Linuxa.

Vidite primjer dolje.

Primjer korištenja:

```
Path inputFile = Path.of("exampleWindows.txt");
Path outputFile = Path.of("exampleLinux.txt");

FileEditor.processFile(inputFile, outputFile);
```

U ispisu datoteka (ovdje u tekstu) se koristi znak `↓` za `\n` i znak `←` za `\r`.

Ulazna datoteka `exampleWindows.txt`:

```
Introducing a Framework for Reporting Behavioral Informatics Interventions↓
A Game Theoretic Formulation of the Technical Debt Management Problem in Cloud Systems↓
```

Izlazna datoteka `exampleLinux.txt`:

```
Introducing a Framework for Reporting Behavioral Informatics Interventions↓
A Game Theoretic Formulation of the Technical Debt Management Problem in Cloud Systems↓
```

Napomena: Sve klase i sučelja imaju vidljivost postavljenu na *package private*.

Napomena: Prije predaje iz Vašeg koda izbacite sve ispise na standardni izlaz kako bi testovi ispravno radili.

Student's answer:

```
1 import java.io.FileWriter;
2 import java.io.IOException;
3 import java.nio.charset.StandardCharsets;
4 import java.nio.file.Path;
5 import java.util.LinkedList;
6 import java.util.List;
7 import java.util.Scanner;
8
9 class FileEditor {
10
11     /**
12      * Reads input file encoded in UTF-8, process content and writes it to output
13      * @param inputFile input file
14      * @param outputFile output file
15      * @throws IOException
16      */
17     public static void processFile(Path inputFile, Path outputFile) throws IOException {
18         List<String> lines = new LinkedList<>();
19         Scanner sc = new Scanner(inputFile, StandardCharsets.UTF_8);
20         while (sc.hasNextLine()) {
21             lines.add(sc.nextLine());
22         }
23         FileWriter writer = new FileWriter(outputFile.toFile());
24         for(String line : lines) {
25             writer.write(line.replaceAll("\\r\\n", ""));
26             writer.write("\\n");
27         }
28         writer.close();
29     }
30 }
31
32
33
34
35
36
37
38
39
40
41
42
43
```

Correct answer:

```
1 This test does not have "show solutions" option enabled.
```

Hint: Correct. Well done!

Exam results obtained during submission evaluation:

#	stdin	stdout	expected	stderr	percentage	hint	mode	correct?
1	processFile	OK	OK	EdgarLibrary v0.11.1	100.00	Correct. Well done!	check elements order : false, case sensitive : false, ignore whitespace : true	true

Student's result

Correct result

Rerun student's code