Merge csv file in JAVA

Here is example some CSV files with the same column headers

Merge CSV files into a single file with no repeated headers and No footer

**File A**

header1,header2,header3

one,two,three

four,five,six

**File B**

header1,header2,header3

seven,eight,nine

ten,eleven,twelve

Merge it so that the data is merged into one file with the headers at the top, but no headers anywhere else.

header1,header2,header3

one,two,three

four,five,six

seven,eight,nine

ten,eleven,twelve

**Solution**:

String[] headers = null;

String firstFile = "/path/to/firstFile.dat";

Scanner scanner = new Scanner(new File(firstFile));

if (scanner.hasNextLine())

headers[] = scanner.nextLine().split(",");

scanner.close();

Iterator<File> iterFiles = listOfFilesToBeMerged.iterator();

BufferedWriter writer = new BufferedWriter(new FileWriter(firstFile, true));

while (iterFiles.hasNext()) {

File nextFile = iterFiles.next();

BufferedReader reader = new BufferedReader(new FileReader(nextFile));

String line = null;

String[] firstLine = null;

if ((line = reader.readLine()) != null)

firstLine = line.split(",");

if (!Arrays.equals (headers, firstLine))

throw new FileMergeException("Header mis-match between CSV files: '" +

firstFile + "' and '" + nextFile.getAbsolutePath());

while ((line = reader.readLine()) != null) {

writer.write(line);

writer.newLine();

}

reader.close();

}

writer.close();

**2nd solution**:

String csv1 = "NAME,SURNAME,AGE\n" +

"Fred,Krueger,Unknown";

String csv2 = "NAME,MIDDLENAME,SURNAME,AGE\n" +

"Jason,Noname,Scarry,16";

FuzzyCSVTable t1 = FuzzyCSVTable.parseCsv(csv1);

FuzzyCSVTable t2 = FuzzyCSVTable.parseCsv(csv2);

FuzzyCSVTable output = t1.mergeByColumn(t2);

output.printTable();

Output:

