<https://github.com/nicrm/MergeSortExamples>

<file:///C:/pmd-bin-6.9.0/bin/pmdresult.html>

D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\App.java   
[Parameter 'args' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal), MethodArgumentCouldBeFinal

Da en parameteren args aldrig bliver brugt andet end 1 sted, behøver man ikke at kunne ændre den, og derfor kan man ændre den til final så den ikke kan ændres andre steder, dette er et stort gennemgående problem, der kun vil være relevant hvis man er færdig med omtalte metode/program man er i gang med at lave.

D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java   
A method should have only one exit point, and that should be the last statement in the method.

Grunden til denne kan være vigtig er at man i nogle tilfælde ender med at have en masse indentioner hvis man ikke går ud af sit statement tidligt, dvs du kan blive ved med lave nye scopes der alle skal regnes i den samme metode, og det er hvad der bliver hentydet til her.

D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSort.java  
Avoid the creation of unnecessary local variables.

Dette betyder at jeg deklarerer variabel der ikke bliver brugt andre steder end et, og derfor kan den bruges bare det enkelte sted

D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java  
Enforce a policy for braces on control statements.

Dette betyder at jeg burde have alle mine control statements til at ligne hinanden mht, de braces jeg putter på et statementet. Dette gør man så det hele ligner hinanden, og dermed ikke en dårlig kode standard.

D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java  
Avoid using if..else statements without using surrounding braces. If the code formatting or indentation is lost then it becomes difficult to separate the code being controlled from the rest.

Igen kommer dette probem tilbage da man ikke har sat sine curly brackets på en made der går igen hele programmet igennem, det er dårlig coding standards ikke at følge sine egne måder at kode på, og det skal derfor se ens ud over hele linjen.

UnusedImports; Avoid unused import statements to prevent unwanted dependencies. This rule will also find unused on demand imports, i.e. import com.foo.\*.

Et problem der kan opstå når man tester ting er at man importer en masse forskellige ting, for derefter ikke at bruge, når man gør det glemmer man som regel at slette de følgende imports. Hvis man gjorde dette i et meget stort projekt, er det en meget dårlig practice ikke at slette dem igen.

CloseResource; Ensure that resources (like Connection, Statement, and ResultSet objects) are always closed after use.

Dette kan være en vigtig en skidt ting ikke at lukke de resource man burger, dette er fordi man ikke er klar over hvad der fx sker med ens connection efter man har ladet den stå åben, I best case scearios sker der ikke noget, men I worst case crasher du hele dit system på dit arbejde fx. Det er meget vigtigt at man lukker de connections man laver.

SystemPrintLn; References to System.(out|err).print are usually intended for debugging purposes and can remain in the codebase even in production code. By using a logger one can enable/disable this behaviour at will (and by priority) and avoid clogging the Standard out log.

Som der bliver beskrevet ovenfor, er det ikke nødvendigt at have SystemPrintLn og andre varianter af denne i produktionskode, da det er unødig kode der bliver gået igennem hele tiden, dette skal kun bruges i et test/debugging miljø.

AvoidDeeplyNestedIfStmts; Avoid creating deeply nested if-then statements since they are harder to read and error-prone to maintain.

Dette er en ting der kan gøre din kode meget sværere at læse og dermed og meget sværere at debugge, da det kan være meget svært at finde ud af hvor din kode breaker henne, og i sidste ende kommer til at spare dig tid hvis gjort ordentligt.

ClassNamingConvention; Configurable naming conventions for type declarations. This rule reports type declarations which do not match the regex that applies to their specific kind (e.g. enum or interface). Each regex can be configured through properties.

Som den sidste vigtige, synes jeg det er værd at nævne at naming conventions som oftest er nogen der bliver taget meget alvorligt, sprogene imellem, de har hver deres måde at bliver skrevet på, og gør det lang nemmere for koderen selv eller en anden person at læse ens kode

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **File** | **Line** | **Problem** |
| 1 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\App.java | 5 | [Avoid short class names like App](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#shortclassname) |
| 2 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\App.java | 7 | [Parameter 'args' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 3 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\App.java | 10 | [Local variable 'max' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 4 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\App.java | 12 | [Local variable 'ran' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 5 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\App.java | 18 | [Local variable 'startTime' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 6 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\App.java | 24 | [Local variable 'timeElapsed' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 7 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\CircularArrayList.java | 12 | [Each class should declare at least one constructor](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#atleastoneconstructor) |
| 8 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\CircularArrayList.java | 19 | [Parameter 'size' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 9 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\CircularArrayList.java | 23 | [Parameter 'elements' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 10 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\CircularArrayList.java | 24 | [Local variable 'list' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 11 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\CircularArrayList.java | 26 | [Local variable 'val' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 12 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\CircularArrayList.java | 51 | [Avoid variables with short names like i](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#shortvariable) |
| 13 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\CircularArrayList.java | 51 | [Parameter 'i' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 14 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\CircularArrayList.java | 55 | [Parameter 'elem' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 15 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\CircularArrayList.java | 68 | [Local variable 'val' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 16 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\CircularArrayList.java | 82 | [Parameter 'other' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 17 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSort.java | 10 | [The static method name 'merge\_sort\_start' doesn't match '[a-z][a-zA-Z0-9]\*'](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodnamingconventions) |
| 18 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSort.java | 13 | [Local variable 'result' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 19 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSort.java | 23 | [Avoid variables with short names like m](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#shortvariable) |
| 20 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSort.java | 23 | [Parameter 'm' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 21 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSort.java | 23 | [The static method name 'merge\_sort' doesn't match '[a-z][a-zA-Z0-9]\*'](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodnamingconventions) |
| 22 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSort.java | 28 | [A method should have only one exit point, and that should be the last statement in the method](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#onlyonereturn) |
| 23 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSort.java | 34 | [Local variable 'middle' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 24 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSort.java | 53 | [Local variable 'mergedArray' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 25 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSort.java | 55 | [Consider simply returning the value vs storing it in local variable 'mergedArray'](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#unnecessarylocalbeforereturn) |
| 26 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSort.java | 60 | [Parameter 'left' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 27 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSort.java | 60 | [Parameter 'right' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 28 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 13 | [The static method name 'merge\_sort\_start' doesn't match '[a-z][a-zA-Z0-9]\*'](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodnamingconventions) |
| 29 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 15 | [Local variable 'result' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 30 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 24 | [Parameter 'arr' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 31 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 24 | [The static method name 'merge\_sort' doesn't match '[a-z][a-zA-Z0-9]\*'](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodnamingconventions) |
| 32 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 25 | [Avoid using if statements without curly braces](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#ifstmtsmustusebraces) |
| 33 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 26 | [This statement should have braces](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#controlstatementbraces) |
| 34 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 27 | [Local variable 'left' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 35 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 28 | [Local variable 'right' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 36 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 36 | [Parameter 'arr' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 37 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 36 | [Parameter 'left' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 38 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 36 | [Parameter 'right' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 39 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 36 | [The static method name 'split\_list' doesn't match '[a-z][a-zA-Z0-9]\*'](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodnamingconventions) |
| 40 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 40 | [Avoid using if...else statements without curly braces](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#ifelsestmtsmustusebraces) |
| 41 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 40 | [This statement should have braces](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#controlstatementbraces) |
| 42 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 42 | [Avoid using if...else statements without curly braces](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#ifelsestmtsmustusebraces) |
| 43 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 42 | [This statement should have braces](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#controlstatementbraces) |
| 44 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 47 | [Parameter 'left' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 45 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 47 | [Parameter 'mergedList' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 46 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 47 | [Parameter 'right' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 47 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 47 | [The static method name 'merge\_list' doesn't match '[a-z][a-zA-Z0-9]\*'](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodnamingconventions) |
| 48 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortCircularArrayLists.java | 50 | [Local variable 'elem' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 49 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 17 | [The static method name 'merge\_sort\_start' doesn't match '[a-z][a-zA-Z0-9]\*'](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodnamingconventions) |
| 50 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 18 | [Local variable 'toSort' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 51 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 19 | [Local variable 'elem' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 52 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 23 | [Local variable 'result' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 53 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 25 | [Avoid variables with short names like i](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#shortvariable) |
| 54 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 26 | [Local variable 'val' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 55 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 32 | [The static method name 'merge\_sort' doesn't match '[a-z][a-zA-Z0-9]\*'](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodnamingconventions) |
| 56 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 34 | [A method should have only one exit point, and that should be the last statement in the method](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#onlyonereturn) |
| 57 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 45 | [Parameter 'arr' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 58 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 45 | [Parameter 'left' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 59 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 45 | [Parameter 'right' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 60 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 45 | [The static method name 'split\_list' doesn't match '[a-z][a-zA-Z0-9]\*'](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodnamingconventions) |
| 61 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 47 | [Local variable 'elem' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 62 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 57 | [Parameter 'left' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 63 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 57 | [Parameter 'right' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
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| 67 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 68 | [Avoid variables with short names like l](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#shortvariable) |
| 68 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 68 | [Parameter 'l' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 69 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 72 | [Avoid variables with short names like l](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#shortvariable) |
| 70 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 72 | [Parameter 'l' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 71 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 73 | [Avoid variables with short names like i](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#shortvariable) |
| 72 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\MergeSortLinkedLists.java | 73 | [Local variable 'i' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 73 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 8 | [Parameter 'array' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 74 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 12 | [Parameter 'array' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 75 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 12 | [Parameter 'left' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 76 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 12 | [Parameter 'right' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 77 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 17 | [Local variable 'pIndex' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 78 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 30 | [Parameter 'array' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 79 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 30 | [Parameter 'left' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 80 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 30 | [Parameter 'right' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 81 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 32 | [Local variable 'pivotIndex' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 82 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 33 | [Local variable 'pivotValue' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |
| 83 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 51 | [Avoid variables with short names like i](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#shortvariable) |
| 84 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 51 | [Avoid variables with short names like j](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#shortvariable) |
| 85 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 51 | [Parameter 'i' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 86 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 51 | [Parameter 'j' is not assigned and could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#methodargumentcouldbefinal) |
| 87 | D:\SoftwareUdvikling\UFO\MergeSortExamples\src\main\java\dk\cphbusiness\soft\mergesorttrouble\Quicksort.java | 53 | [Local variable 'temp' could be declared final](https://pmd.github.io/pmd/pmd_rules_java_codestyle.html#localvariablecouldbefinal) |