

Code Review Defect List

Reviewer: Robert King

GH Repo: Rdking4_review

ID #	Location	Problem Description	Problem	
	File and Line Number		Category	Severity
1A	SortDemoData.java 64	Functional defect. The program does not remove duplicate items from the array	FD	MJ
6C	SortDemoData.java 84	Code Smell the program uses a switch statement to determine the outcome of an entry	CS	Low
11D	SortAlgos.java 111, 114	Coding Standards the end brace for the while and if statements are not on their own line.	CG	Low
14J	SortAlgos.java 198	Coding Standards the If statement does not use explicit {}	CG	Low
54Y	SortAlgos.java 24	Functional The algo here is incorrect and causes the last item in the array to not be sorted	FD	BR
9S	SortDemoData.java 102	Functional defect the end user will not receive the desired result because a field is named incorrectly. Rename Merge Sort to Quick Sort	FD	BR
16J	SortAlgos.java 273	Coding Standards the If statement does not use explicit {}	CG	Low
21D	SortAlgos.java 273 276	Coding Standards the end brace for the while and if statements are not on their own line.	CG	Low
87P	SortAlgos.java 46	Coding Standards the if statement needs to explicitly use braces in this statement for clarity	CG	Low
105N	InvalidOperationException.java 8	There is no method style heading for this block of code	CG	Low
55L	SortDemoData.java 10	The name algo is not descriptive, it's general, name too short and not enough info	CS	Low

Category: **CS** – Code Smell defect. **CG** – Violation of a coding guideline. Provide the guideline number. **FD** – Functional defect. Code will not produce the expected result. **MD** – Miscellaneous defect, for all other defects.

Severity: **BR** - Blocker, must be fixed asap. **MJ** – Major, of high importance but not a Blocker **LOW** – Low.