

## Code Review Defect List

**Reviewer:** Chandler Boone

**GH Repo:** cjboone2\_review

ID #	Location	Problem Description	Problem	
	File and Line Number		Category	Severity
1	SortAlgos.java, 291	If statement does not use {} in body	CG8	LOW
2	SortAlgos.java, 8	Class is very large and contains several different sorting algorithms that could possibly be contained in their own classes	CS	LOW
3	Item.java, 3	Class only has a publicly accessible int value, not much different than just using explicit ints	CS	LOW
4	Item.java, 4	Non-constant class attribute is not private	CG5	LOW
5	SortAlgos.java, 2	Source code file does not have an appropriately filled out file banner comment	CG1	LOW
6	SortAlgos.java, 100	Private class methods do not follow naming conventions and lack leading underscores	CG4	LOW
7	SortAlgos.java	Class does not follow listing order for class methods and attributes	CG7	LOW
8	SortAlgos.java, 3	Class does not have an appropriately filled out class banner comment	CG2	LOW
9	SortDemoData.java, 19	Method initializeArray does not have an appropriately filled out method banner comment	CG3	LOW
10	SortDemoData.java, 103	Running quick sort with print results with a header incorrectly displaying "Merge Sort"	FD	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.