Code Review Defect List

Reviewer: Justin Tullos

GH Repo:
https://github.com/tullosjr/jtullos1_review

ID #	Location	Problem Description	Problem	
	File and Line Number		**Category**	**Severity**
1	InvalidOperationException.java: 2	Source code comment banner does not match required format	CG (1)	LOW
2	SortAlgos.java: 132, 166, 167	For loop bracket placement does not follow code style requirements	CG (8.c)	LOW
3	SortDemo.java: 24, 25, 26, 27, 28	Private member variables do not match required format	CG (4.d)	LOW
4	SortDemo.java: 88	Switch statement	CS (3)	LOW
5	Item.java	Lazy class	CS (5)	LOW
6	SortDemoTest.java: 40, 51, 62, 73	Excessive use of literals	CS (6)	LOW
7	Item.java: 4	Member variable not private	CG (5)	MJ
8	Item.java: 4	If member is rescoped to private (see issue #7), then there will need to be at least getter method for this member. Will need refactor where Item.key is used.	FG	BR
9	SortAlgos.java: 100, 128, 157, 197, 225, 287, 318	Private methods are not preceded by "_"	CG (4.d)	LOW
10	SortAlgos.java	Methods are not in correct order per style guidelines	CG (7)	LOW

<u>Category</u>: **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.

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