StudentID	Score	Unit Tests LineItem(6)	Sale(5)	Execution Main (5)	Buy-1 Get-1	Syntax Errors?	Code Quality	Class Javadoc	Comment
Points:	100	42	30	30	5	-5	0	-10	
5710546178	41	4	1	2	0	1	3	5	main() threw NullPointerException. Errors in sale.addItem() cause many tests to fail.
5710546216	65	5	1	4	0	0	3	5	
5710546283	95	5	5	5	0	0	4	5	Good, but addItem() is too complex.
5710546607	82	4	5	5	0	0	3	2	No space between methods, needs space in statements.
5710546615	26	0	2	4.5	0	1	0	1	LineItem does not compile (multiple errors), so all tests fail. Sale.iterator() prints on console. I fixed LineItem to make Main class work. Javadoc lacks useful description of classes.
5710547204	77	5	2	5	0	0	4	5	Overuse of x.get(i). Use for-each and temporary variable to avoid redundant calls.
5910545019	104	6	5	5	0.4	0	5	5	Good, but getProductID should be getProductId. Sale creates Comparator that just invokes LineItem compareTo, so its not necessary. Javadoc should be a complete sentence with period. Don't need to rewrite equals in GetOneFreeLineItem.
5910545639	42	5	0.5	1.5	0	1	3	5	Syntax errors in Sale, GetOneFreeLineItem.
5910545647	-3	0	1	1	0	1	1	0	No Javadoc. Several illegal casts in Sale.
5910545663	69	6	4	0.5	0	0	4	5	Sale.additem() is misspelled. Did not complete makeSale or printSale.
5910545671	94	5	4	5	1	0	5	5	
5910545680	70	5	2	4.5	0	0	4	3	Sale should only compute total when getTotal is called. No Javadoc in Sale. Poor formatting in LineItem.
5910545698	77	5	4	4	0	0	5	2	LineItem.getProductId is misspelled. In makeSale items not combined, not sorted by id, and total is not printed. Class Javadoc should be descriptive sentence.
5910545701	40	4	1	1	0	0	2	5	makeSale and printSale are incomplete (don't work).
5910545710	89	5	4	5	0	0	5	5	Constructor LineItem(Product) does not set quantity to 1.
5910545728	26	2	1	1	0	0	5	5	LineItem(Product) does not set quantity. Code in Sale has many logic/semantic errors. Incorrect use of List and iterator.
5910545736	101	6	5	5	0.5	0	5	3	Good. GetOneFreeLineItem code is OK, but Sale recreates new LineItems instead of changing qnty of existing LineItem. Class Javadoc is insufficient.
5910545744	107	6	5	5	1	0	5	5	Good, but getProductID should be getProductId
5910545752	50	4	3	1	0	0	5	4	makeSale and printSale contain logic/semantic errors.
5910545761	47	5	0	2	0	0	5	5	

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5910545787	75	3	5	5	0	0	4	2	LineItem doesn't have getUnitPrice; Comparable doesn't have type. Sale.addItem poorly written.
5910545809	41	4	0	3	0	1	4	5	Multiple syntax errors in Sale.
5910545817	75	4	2	5	1	0	4	5	getProductID should be getProductId. Sale.addItem poorly written.
5910545833	19	4	0	1	0	1	0	0	Incorrect import. No Javadoc at all. In LineItem "return getDescrption()" should be "return product.getDescription()". Sale has wrong constructor and no Collection.
5910545841	30	4	0	2	0	0	0	0	Code is poorly formatted. No Javadoc at all. Sale creates ArrayList in addItem method (not constructor), so all tests fail.
5910545850	35	3	4	0	0	0	3	0	setQuantity and getQuantity misspelled. No class javadoc in either class. Did not complete the Main class.
5910545868	77	4	4	5	0	1	3	5	Invalid cast of LineItem to Product.
5910545892	86	4	5	5	0	0	5	4	equals and compareTo fail tests.
5910545906	89	5	4	5	0	0	4	5	printSale directly accesses mapList attribute of Sale. Sale failed multiple tests because you didn't complete iterator method.
5910546376	100	5	5	5	1	0	5	5	Good. LineItem doesn't implement Comparable.
5910546384	100	5	5	5	1	0	5	5	Good. LineItem not Comparable. Sale code is unnecessarily complex.
5910546406	82	4	4	5	0	0	5	5	Good. LineItem not Comparable. In equals, product.getClass() should be this.getClass(), so it always returns false.
5910546422	24	4	1	0	0	0	5	0	Sale class incomplete. No class descriptions in Javadoc.
5910546431	51	4	1	3.5	0	0	5	3	Sale class incomplete. No Javadoc in Sale. Some mistake in Main.printSale.
5910546457	61	5	4	2	0	0	5	0	I fixed Sale.iterator() to make it pass some tests. No class description in Javadoc. printSale only prints one LineItem.
5910546465	95	5	5	5	0	0	5	5	Good. LIneItem.getDesciption() misspelled.
5910546635	78	5	3	4.5	0	0	5	4	Sale doesn't consolidate LineItems. printSale needs wider columns.
5910546643	31	4	0	2	0	1	5	3	Incorrect import for List. Sale class very incomplete.
5910546678	0	0	0	0	0	0	4	5	LineItem does not extend Product. Sale does not extend LineItem. Many syntax errors. Sale class very incomplete. didn't complete Main class.
5910546686	56	5	1	2.5	0	0	5	5	

Javadoc score is penalty deducted from total score: -2*(5 - javadoc_score). Max deduction 10 pts, based on class Javadoc comments only.

Code quality not counted this time. Score is based on code formatting, using good coding principles, and adherence to style guide.