

StockItem test documentation

Test plan

Test No	Purpose
1	Creating StockItem using constructor and test <i>toString</i> method.
2	Obtain ID using <i>getItemId</i> method.
3	Obtain description using <i>getItemDesc</i> method.
4	Change price using <i>setPrice</i> method and obtain new price using <i>getPrice</i> method.
5	Change quantity using <i>setQuantity</i> method and obtain new quantity using <i>getQuantity</i> method.
6	Change level at which to re-order using <i>setReOrderLevel</i> method and obtain new level at which to re-order using <i>getReOrderLevel</i> method.
7	Test <i>format</i> method.

Test log

Test No	Test data	Expected output	Actual output
1	new <i>StockItem</i> : itemId = "AB123" itemDesc = "Test item." price = 20.0 quantity = 10 reOrderLevel = 1	Stock.StockItem{itemId='AB123', itemDesc='Test item.', price=20.0, quantity=10, reOrderLevel=1}	as expected
2	<i>StockItem</i>	AB123	as expected
3	<i>StockItem</i>	Test item.	as expected
4	<i>StockItem</i> price = 100.0	100.0	as expected
5	<i>StockItem</i> quantity = 20	20	as expected
6	<i>StockItem</i> reOrderLevel = 5	5	as expected
7	<i>StockItem</i>	AB123 Test item. 100.0000 20 5	as expected