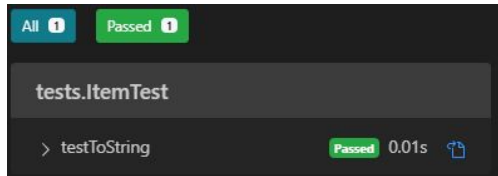
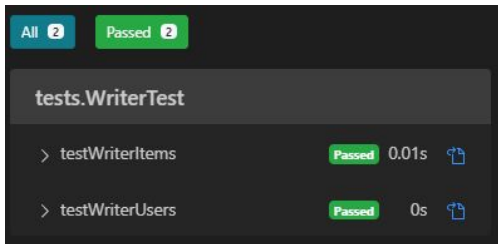


## Phase #5

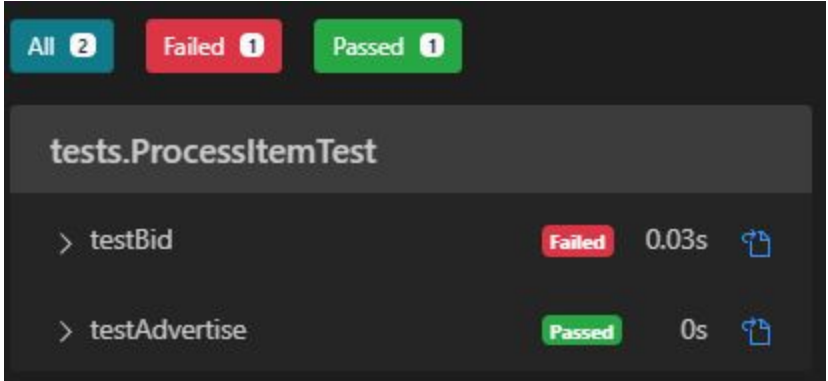
Class	Test function	Result	Solution
ProcessAccountTest	addAccountTest()	Fail - Transactions in file are in variable length format.	Use split to parse transactions instead of substring
	deleteAccountTest()		
	addCreditTest()		
	refundTest()		

Class	Test function	Result	Solution
ProcessAccountTest	addAccountTest()	Passed	
	deleteAccountTest()		
	addCreditTest()		
	refundTest()		

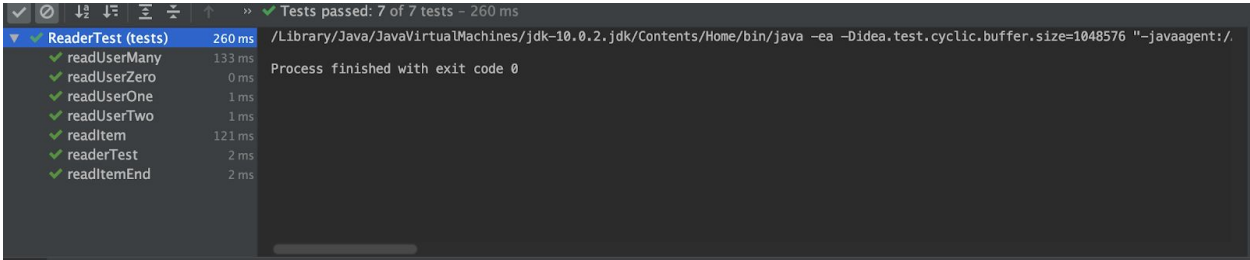
Class	Test function	Result
ItemTest	testToString()	Passed 

Class	Test function	Result
WriterTest	testWriterUsers()	Passed 
	testWriterItems()	

Class	Test function	Result
ProcessItemTest	testAdvertise()	<div>Fail</div> <div> <pre> &gt; testAdvertise Message: N/A Stack trace: java.lang.AssertionError: expected: java.util.HashMap&lt;{flower=Elijah=flower, Elijah=002 050.00}&gt; but was: java.util.HashMap&lt;{flower=Elijah=flower, Elijah=002 050.00}&gt;     at org.junit.Assert.fail(Assert.java:89)     at org.junit.Assert.failNotEquals(Assert.java:835)     at org.junit.Assert.assertEquals(Assert.java:120)     at org.junit.Assert.assertEquals(Assert.java:146)     at tests.ProcessItemTest.testAdvertise(ProcessItemTest.java:28)     at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)     at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)     at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)     at java.base/java.lang.reflect.Method.invoke(Method.java:566)     at org.junit.runners.model.FrameworkMethod\$1.runReflectiveCall(FrameworkMethod.java:59)     at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12)     at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:56)     at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17)     at org.junit.runners.ParentRunner\$3.evaluate(ParentRunner.java:306)     at org.junit.runners.BlockJUnit4ClassRunner\$1.evaluate(BlockJUnit4ClassRunner.java:100)     at org.junit.runners.ParentRunner.runLeaf(ParentRunner.java:366)     at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:103)     at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:63)     at org.junit.runners.ParentRunner\$4.run(ParentRunner.java:331)     at org.junit.runners.ParentRunner\$1.schedule(ParentRunner.java:79)     at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:329)     at org.junit.runners.ParentRunner.access\$100(ParentRunner.java:66)     at org.junit.runners.ParentRunner\$2.evaluate(ParentRunner.java:293)     at org.junit.runners.ParentRunner\$3.evaluate(ParentRunner.java:306)     at org.junit.runners.ParentRunner.run(ParentRunner.java:413)     at org.eclipse.jdt.internal.junit4.runner.JUnit4TestReference.run(JUnit4TestReference.java:89)     at org.eclipse.jdt.internal.junit.runner.TestExecution.run(TestExecution.java:41)     at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.runTests(RemoteTestRunner.java:542)     at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.runTests(RemoteTestRunner.java:770)     at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.run(RemoteTestRunner.java:464)     at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.main(RemoteTestRunner.java:210) </pre> </div>
	testBid()	
		<div>tests.ProcessItemTest</div> <div> <pre> &gt; testBid Message: N/A Stack trace: java.lang.NullPointerException     at process.ProcessItem.bid(ProcessItem.java:45)     at tests.ProcessItemTest.testBid(ProcessItemTest.java:43)     at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)     at java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)     at java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)     at java.base/java.lang.reflect.Method.invoke(Method.java:566)     at org.junit.runners.model.FrameworkMethod\$1.runReflectiveCall(FrameworkMethod.java:59)     at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12)     at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:56)     at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17)     at org.junit.runners.ParentRunner\$3.evaluate(ParentRunner.java:306)     at org.junit.runners.BlockJUnit4ClassRunner\$1.evaluate(BlockJUnit4ClassRunner.java:100)     at org.junit.runners.ParentRunner.runLeaf(ParentRunner.java:366)     at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:103)     at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:63)     at org.junit.runners.ParentRunner\$4.run(ParentRunner.java:331)     at org.junit.runners.ParentRunner\$1.schedule(ParentRunner.java:79)     at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:329)     at org.junit.runners.ParentRunner.access\$100(ParentRunner.java:66)     at org.junit.runners.ParentRunner\$2.evaluate(ParentRunner.java:293)     at org.junit.runners.ParentRunner\$3.evaluate(ParentRunner.java:306)     at org.junit.runners.ParentRunner.run(ParentRunner.java:413)     at org.eclipse.jdt.internal.junit4.runner.JUnit4TestReference.run(JUnit4TestReference.java:89)     at org.eclipse.jdt.internal.junit.runner.TestExecution.run(TestExecution.java:41)     at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.runTests(RemoteTestRunner.java:542)     at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.runTests(RemoteTestRunner.java:770)     at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.run(RemoteTestRunner.java:464)     at org.eclipse.jdt.internal.junit.runner.RemoteTestRunner.main(RemoteTestRunner.java:210) </pre> </div>

Class	Test function	Solution
ProcessItemTest	testAdvertise()	<pre>assertEquals(itemsMatch.toString(),pi.advertise(transaction).toString());</pre>
	testBid()	<p>I used toString() in order to make the variable types consistent for comparison.</p>  <p>I can't figure out why I am getting an error in testBid() still</p>

Class	Test function	Result	Solution
<p>Reader- (Loop Coverage) Four different input files that cause 0,1,2,3 loops respectively</p> <p>(Decision Coverage) One file input that triggers the line if (line.equals("END")) And one that does not</p>	readerTest()	Pass	
	readUserZero()		
	readUserOne()		
	readUserTwo()		
	readUserMany()		
	readItem()		
	readItemEnd()		



Class	Test function	Result
UserTest	testToString()	<div>Passed</div> <div><div>All 1Passed 1</div><div>tests.UserTest</div><div>&gt; testToString<div>Passed0.01s</div></div></div>