



Static Modeling Example

Internet Storefront



CRC Cards

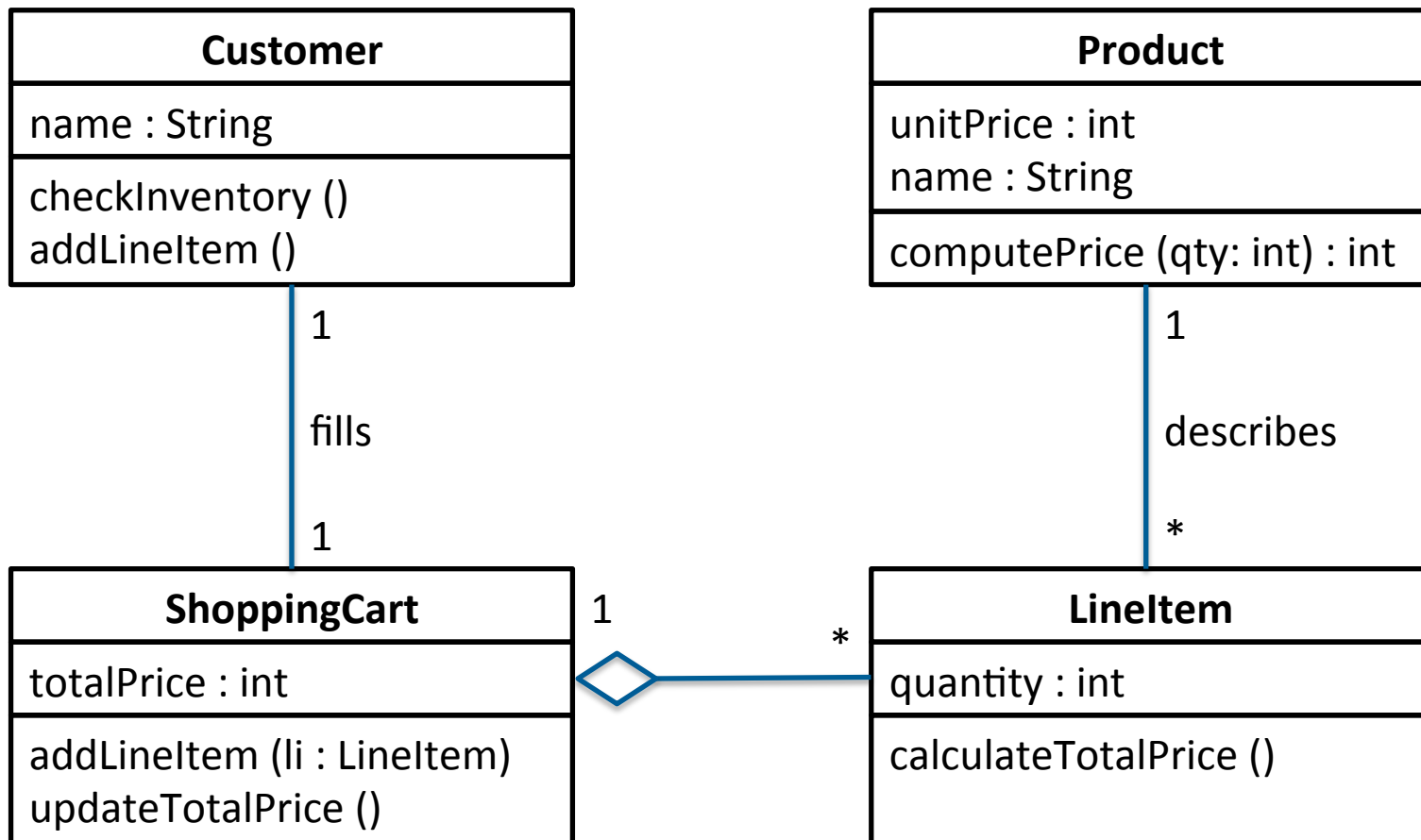
Customer	
<i>knows ShoppingCart</i> <i>can check inventory</i> <i>can add a line item</i>	<i>LineItem</i> <i>Shopping Cart</i>

Product	
<i>knows its unit price</i>	

ShoppingCart	
<i>knows its line items</i> <i>knows its total price</i> <i>can update total price</i>	<i>LineItem</i>

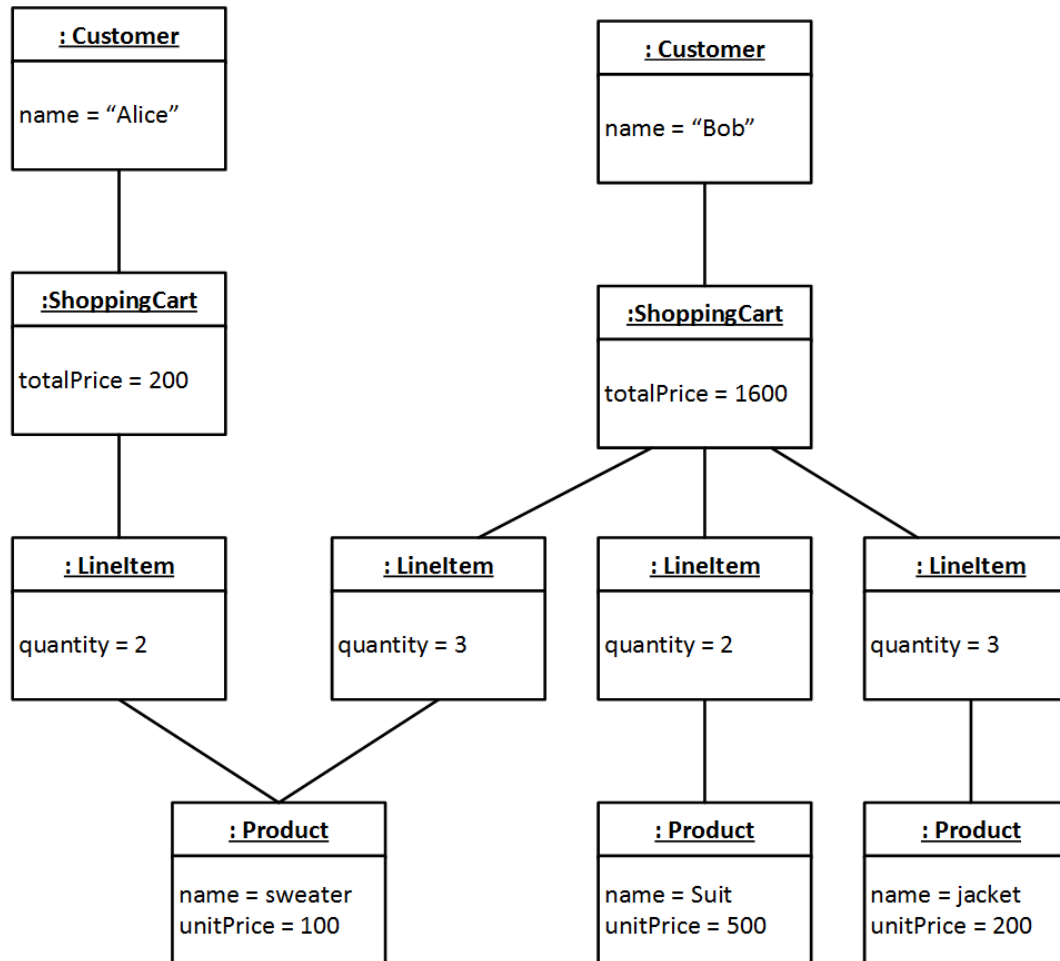
LineItem	
<i>knows its quantity</i> <i>knows its Product</i> <i>can calculate total price</i>	<i>Product</i>

Class Diagram





Instance Diagram





End of Module

- You should now be able to do the following:
 - Define basic object-oriented principles: object, message, class, inheritance, and polymorphism.
 - Perform OO Analysis with CRC modeling
 - Construct UML class diagrams