TextUI	calls
TextUI	No other methods
MainMenu	No other methods
RouteChoice	ItemMenu() DisplayInventory() AddItemToCart() DisplayCart() Items() RemoveItemFromCart() CartItems() Checkout() setprecision() ClearCart()
ItemMenu	No other methods

ShoppingCart	Calls
ShoppingCart	No other methods
AddItem	IncreaseQuantity() get_id()
RemoveItem	Get_quantity() DecreaseQuantity()
DisplayCart	No other methods
ClearCart	ClearCart()
get_items()	No other methods

Item	calls
Item	Assigns id,type,cost, quantity
get_id()	No other methods
get_quantity()	No other methods
get_cost()	No other methods
get_type()	No other methods
IncreaseQuantity	No other methods
DecreaseQuantity	No other methods
ToString	Setprecision()
Clone	Item()
operator<<	No other methods

Store	Calls
Store	Item(), ShoppingCart()
DisplayInventory	ToString()
Items	ToString()
CartItems	Get_items(), get_quantity(), get_id(),ToString()
AddItemToCart	Get_id(), decreasequantity(), clone(), addItem()
RemoveItemFromCart	Get_items(), get_id(), RemoveItem(), IncreaseQuantity()
DisplayCart	DisplayCart()
Checkout	Get_items(), get_cost(), get_quantity(), get_type(), to_string(), ClearCart()

ClearCart	ClearCart()

Task 2 Clone():
We utilize this method in the AddItemToCart() method to copy the data over to our 'target' variable. This allows us to add the item to cart by copying the information over and manipulating the quantity in stock. I believe it is included in the class definition because all the item's attributes are private and we need to be able to access them for the cart.

Task 3:

TRAIT	Item	Store	TextUI
Cohesive	Yes, there is a pretty linear platform	Yes, there aren't complex methods	Half and half, the function calls can get difficult to follow
Clear	Yes, each function is simple and attributes match up	Yes, each method is created with a purpose	No, the methods are hard to trace but it is functional
Convenient	Yes, all variables are accessible through getters and setters	Yes, you can access everything like an actual shopping cart	Yes, has a lot of structure with implementation
Consistent	Yes all names and parameters make sense	Yes, all methods and parameters make sense in relation	No, some methods and variables could be improved