

Cashier Module

-int quantity // holds value of quantity
-double tax // holds value of tax for total cost calculation
-double total // holds total cost of all books in cart
-Book book // Instance of book class object
-Inventory *inventory // Pointer to inventory, to access inventory module
-Cart shoppingCart // Instance of Cart class object

+Cashier(Inventory *): void // constructor
+displayTopMenu(): int // function to accept user input
+displayInternalMenu(int) : int // function to interpret output from displayTopMenu
+setTax() : void // multiplies tax by total, adds tax to total to process transaction
+setTotal() : void // adds cost of all books in cart
+getTax() : double // return value of tax
+getTotal() : double // return price of all books from cart, + tax
+checkout() : void // function to process of books from cart, prints receipt
+printReceipt() : void // prints copy of the transaction for user