

Inventory
<div>-numDVDs: int</div> <div>-priceOfDVDs: Double</div> <div>-inventoryOfDVDs: int</div> <div>-numCDs: int</div> <div>-priceOfCDs: Double</div> <div>-inventoryOfCDs: int</div> <div>-numBooks: int</div> <div>-priceOfBooks: Double</div> <div>-inventoryOfBooks: int</div> <div>-costOfPurchase: Double</div>
<div>+getNumDVDs(): int</div> <div>+setNumDVDs(N: int): void</div> <div>+getPriceOfDVDs(): Double</div> <div>+setPriceOfDVDs(N: Double): void</div> <div>+getInventoryOfDVDs(): int</div> <div>+setInventoryOfDVDs(N: int): void</div> <div>+resizeDVDInventory(): void</div> <div>+getNumCDs(): int</div> <div>+setNumCDs(N: int): void</div> <div>+getPriceOfCDs(): Double</div> <div>+setPriceOfCDs(N: Double): void</div> <div>+getInventoryOfCDs(): int</div> <div>+setInventoryOfCDs(N: int): void</div> <div>+resizeCDInventory(): void</div> <div>+getNumBooks(): int</div> <div>+setNumBooks(N: int): void</div> <div>+getPriceOfBooks(): Double</div> <div>+setPriceOfBooks(N: Double): void</div> <div>+getInventoryOfBooks(): int</div> <div>+setInventoryOfBooks(N: int): void</div> <div>+resizeBookInventory(): void</div> <div>+resizeInventory(): void</div> <div>+addToInventory(D: int, C: int, B: int): void</div> <div>+getCostOfPurchase(): Double</div> <div>+setCostOfPurchase(N: Double): void</div> <div>+setPurchase(D: int, C: int, B: int): void</div> <div>+Inventory(DI: int, DP: Double, CI: int, CP: Double, BI: int, BP: Double)</div>

Bookstore
<div>-customerList: ArrayList</div> <div><u>-nextCustomerNum: int</u></div>
<div>+Bookstore()</div> <div>+getNextCustomerNum(): int</div> <div><u>+incrementNextCustomerNum(): void</u></div> <div>+addCustomer(name: String): int</div> <div>+getNumOfMembers(): int</div> <div>+paymentMethod(customerID: int): void</div> <div>+addPayment(customerID: int, purchas: Double): void</div> <div>+printCustomer(customerID: int): void</div>

Customer
<div>-premiumMember: boolean</div> <div>-customerName: String</div> <div>-customerNumber: int</div> <div>-purchaseHistory: Double</div> <div>-paymentMethod: String</div> <div>-payedForMembership: boolean</div>
<div>+getPayedForMembership(): boolean</div> <div>+setPayedForMembership(t: boolean): void</div> <div>+getPremiumMember(): boolean</div> <div>+setPremiumMember(t: boolean): void</div> <div>+getCustomername(): String</div> <div>+setCustomerName(N: String): void</div> <div>+getCustomerNumber(): int</div> <div>+setCustomerNumber(N: int): void</div> <div>+setPaymentMethod(P: String): void</div> <div>+getPaymentMethod(): String</div> <div>+addPurchaseHistory(N: Double): void</div> <div>+addCustomer(N: String, C: int, P: boolean, T: Double): void</div> <div>+printCustomer(): void</div> <div>+Customer(N: String, C: int, P: boolean, T: Double)</div>

Order
<div>-numDVDs: int</div> <div>-numCDs: int</div> <div>-numBooks: int</div>
<div>+getNumDVDs(): int</div> <div>+setNumDVDs(N: int): void</div> <div>+getNumCDs(): int</div> <div>+setNumCDs(N: int): void</div> <div>+getNumBooks(): int</div> <div>+setNumBooks(N: int): void</div>

Project1
<u>+ main(args: String[]): void</u>