Encapsulation Activity

Product -name: String -productID: string -basePrice: int -totalPrice: int -quantity: int +Product(): Product -CalculateTotalPrice(): void +GetTotalPrice(): int +GetName(): String +GetID(): String +GetBasePrice(): int +GetQuantity(): int +SetTotalPrice(): int +SetName(): void +SetID(): void +SetBasePrice(): void +SetQuantity(): void

Order -productList: List<Product> -customer: String +Order(): Order -CalculateTotalPrice(): int +DisplayPackingLabel():String +DisplayShippingLabel(): string +GetProductList(): List<Product> +SetProductList(): void +AddProduct(): void +GetCustomer(): Customer +SetCustomer(): void

Address -streetNumber: int -streetName: sting -city: string -stateProvince: string -country: string +Address(): Address +IsUSA(): bool +GetFullAddress():String +GetStreetNumber():string +SetStreetNumber():void +GetStreetName():string +SetStreetName():void +GetCity():string +SetCity():void +GetStateProvince():string +SetStateProvince():void +GetCountry():string +SetCountry():void

Customer

-name: string

+IsUSA(): bool

+GetName():string

+SetName():void

+GetAddress(): string

+SetAddress(): void

-address: Address

+Customer(): Customer