**Foundation #2: Encapsulation with Online Ordering**

**Address**

\_street: string

\_city: string

\_state: string

\_country: string

Address(street: string, city: string, state: string, country: string)

InUSA(): bool

DisplayAddress(): string

**Customer**

\_name: string

\_address: Address

Customer(name: string, address: Address)

GetName(): string

GetAddress(): string

LivesInUSA(): bool

**Product**

**\_**name: string

\_productId: string

\_price: double

\_quantity: int

Product(name: string, id: string, price: double, qty: int)

GetName(): string

GetPrice(): double

GetQty: int

GetProductId(): string

TotalCost(): double

**Order**\_products: List<Products>

\_customers: Customer

Order(product: List<Products>, customer: Customer)

TotalCostOrder(): double

PackingLabel(): string

ShippingLabel(): string

ShippingCost(): double

TotalPrice(): double