**Abstraction with YouTube Videos**

**Video**

\_title: string (private)

\_length: int (private)

\_author: string (private)

\_comments: List<Comment> (private)

Video(title: string, length: int, author: string) – Constructor

GetComment(author: string, text: string) : void (public)

DisplayVideoInfo(): void (public)

**Encapsulation with Online Orders**

**Order**

\_customer: Costumer (private)

\_products = List<Product> (private)

Order(costumer: Costumer) – Constructor

GetProduct(product: Product): void (public)

TotalCost(): double (public)

DisplayPackingLabel(): string (public)

DisplayShippingLabel(): string (public)

DisplayOrderInfo(): void (public)

**Product**

\_productName : string (private)

\_productId: int (private)

\_productPrice: double (private)

\_productQuantity: int (private)

**Comment**

\_name: string (private)

\_comment: string (private)

Comment(name: string, comment: string) – Constructor

DisplayCommentInfo(): void (public)

**Customer**

\_name: string (private)

\_address: Address (private)

Customer(name: string, streetName: string, city: string, state: string, country: string) – Constructor

IsInUSA(): bool (public)

DisplayCostumerInfo(): string (public)

**Address**

\_streetAddress: string (private)

\_city: string (private)

\_state: string (private)

\_country: string (private)

Address(streetName: string, city: string, state: string, country: string) – Constructor

AddressString(): string (public)

Product(productName: string, productid: int, productPrice: double, productQuantity: int) - Constructor

DisplayProductInfo(): string (public)

IsInUSA(): bool (public)