**WEEK 4 ASSIGNMENTS**

**Program 1 (YouTube Videos)**

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| **Video** |
| \_title: string  \_author: string  \_length: int  \_comments: List<Comment> |
| Video(title: string, author: string, length: int)  GetTitle(): string  GetAuthor(): string  GetLength(): int  AddComment(comment: Comment): void  GetComments(): List<Comment>  GetCommentsCount(): int |

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| **Comment** |
| \_personName: string  \_commentText: string |
| Comment(personName: string, commentText: string)  GetPersonName(): string  GetCommentText (): string |

**Program 2 (Online Ordering)**

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| **Address** |
| \_street: string  \_city: string  \_state: string  \_country: string |
| Address(street: string, city: string, state: string, country: string)  IsInUSA(): bool  GetFullAddress(): string |

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| **Customer** |
| \_name: string  \_address: Address |
| Customer(name: string, address: Address)  IsInUSA(): bool  GetShippingLabel(): string |

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| **Product** |
| \_name: string  \_productId: string  \_price: double  \_quantity: int |
| Product(name: string, productid: string, price: double, quantity: int)  GetTotalCost(): double  GetPackingLabel(): string |

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| **Order** |
| \_products: List<Product>  \_customer: Customer |
| Order(customer: Customer)  AddProduct(product: Product): void  GetTotalPrice(): double  GetPackingLabel(): string  GetShippingLabel(): string |