Aaron Islas

CSE 210

Week 4

Foundation Programs Design

YouTube Videos Program Design –

|  |  |
| --- | --- |
| Main Program  -Displays All Videos in mock list along with Title, Author, Length In Seconds.  -Displays All corresponding Comments under the video along with comment count. | |
| -Video Class | -Comment Class |
| \*#1 Creates Mock Video List (string)  \*List includes – Title(string), Author(string), LengthInSeconds(int)  -\*#2 Mock Comment List (string)  \*List shows which video has corresponding comments, and total number of comments.  #3 – Create DisplayInfo() to call the video class.  #4 – Create DisplayComments() to retrieve comments from the comment class. | \*#1 Create Mock Usernames, and Comments  \*List includes – UserName, and Comment  #2 – Mock Comment List to store those comments.  #3. – Create DisplayComment to call the comment class.  #4 – Create ToString() which will return the Username(string), and Comments(string) to call into the main program. |

Online Ordering Program Design –

|  |  |
| --- | --- |
| Main Program  -Displays 2 Online Orders with a Packing and Shipping Label  -Displays Final Pricing for billing, including shipping charges based on customer’s address. | |
| -Order Class  \*#1 Create Mock Order List(string)  #2 Create Mock Shipping Label(string)  #3 Create Mock Packing Label(string)  #4 Create Bool for US and International Shipping(bool)  #5. Total Price Display. | -Address Class  #1 Create Mock Address List(String)  #2 Create Bool check that will retrieve from Order Class.  #3 Create DisplayShippingLabel (String) for both labels. |
| -Customer Class  #1 Create Mock Customer Class List(string)  #2. Create Name ID + return call forAddress.cs  -Display(string)  #3. Call bool from Address class for shipping charges.  #4. Create DisplayCustomerList for main program to find. | -Product Class  #1. Create Mock Product list(string, int)  -List will be – (name, product ID, price, quantity)  #2. Create DisplayTotal for Subtotals for Price + Quantity |