**Foundation Programs Design**

The program keep track of YouTube videos with their comments, it has two classes Video and Comment each has their responsibilities The video class will collect videos with there detail information and collects comments from comment class and display the videos together with their comments where as the Comment class is responsible to collect the comments and hand over the data upon the request.

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| Comment |
| \_name : string  \_text : string  \_comments : List<comment> |
| Comment(name : string, text : string)  Comment(name : string, text : string)  GetComment() : string |

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| Video |
| \_title : string  \_author : string  \_length : double  \_movies : List<movie> |
| Video(title : string, author : string, length : double)  Comment(name : string, text : string)  DisplayMovie() : string  DisplayComment() : stribg |

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| Order |
| \_listOfProducts : List<product>  \_coustomer : string  \_totalCost : double  \_listOfPsckegLable : List<packegelable>  \_shipingLeble : string  \_customerStatus : string |
| Order(product : string, cost : double, customer : string, package : string, shipping : string)  isInUs() : bool  calculateTotal() : double |

**Online Ordering Program**

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| Product |
| \_name : string  \_id : int  \_price : double  \_quntity : int |
| GetProduct() : string |

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| Customer |
| \_name : string |
| CustomerAddress(name : string, address : string)  GetAddress() : string |

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| Address |
| \_street : string  \_city : string  \_state : string  \_country : string |
| isInUs() : bool  GetAddress() : string |