**Name : Diogo Rangel Dos Santos**

**Class Diagram Program #1: [Abstraction with YouTube Videos](https://byui-cse.github.io/cse210-ww-course/week04/foundation-abstraction.html)**

Address

* Attributes: street, city, state, country
* Methods: IsInUSA(), IsInBRA(), GetFullAddress()

Product

* Attributes: name, productId, price, quantity
* Methods: GetTotalCost(), GetProductInfo(), GetName(), GetProductId(), GetPrice(), GetQuantity()

Customer

* Attributes: name, address
* Methods: IsInUSA(), IsInBRA(), GetName(), GetAddress()

Order

* Attributes: products (List<Product>), customer
* Methods: AddProduct(), GetTotalCost(), GetPackingLabel(), GetShippingLabel()

Program

* Method: Main() (entry point for program execution)

**Class Diagram Program #2:**[**Encapsulation with Online Ordering**](https://byui-cse.github.io/cse210-ww-course/week04/foundation-encapsulation.html)

* **Comment**
  + Attributes: CommenterName, Text
  + Methods: Constructor
* **Video**
  + Attributes: Title, Author, LengthInSeconds, Comments (List<Comment>)
  + Methods: GetNumberOfComments(), DisplayComments()
* **Program**
  + Method: Main() (entry point for execution)