

## Class Diagram:

~ Cheesecake ~
<ul style="list-style-type: none"><li>- Servings: calcTotalServings(), getServings()</li><li>- Quantity: getQuantity()</li><li>- Cream Cheese: calcCreamCheese(), getCreamCheese()</li><li>- Vanilla: calcVanilla(), getVanilla()</li><li>- Sugar: calcSugar(), getSugar()</li><li>- Flavor: getFlavor(),</li><li>- Index Value</li></ul>

## Pseudocode:

- CheeseCakeV1 file
  - 1) Observe both tester and object files and understand what each line of code does.
  - 2) In the CheeseCakeV1 file, add the code for the constructor (public CheeseCakeV1) with parameters of *String flavor* and *int quantity*.
  - 3) Add code for the `calcTotalServings()`, `calcCreamCheese()`, `calcVanilla()`, `calcSugar()` methods.
  - 4) Add code for the getter methods
  - 5) Use print f to format data
- CheeseCakeTesterV1 file
  - 1) Initialize 6 cheesecake values using String
  - 2) Declare ArrayList and use “add” keyword to add Cheesecake to the ArrayList
  - 3) Call and Invoke all Methods (in for each loop)
  - 4) Use for loop to print objects’ data
  - 5) Format all data and print results