9. Today, you are going to create a PizzaOrder class that stores three fields:

   String size, Ingredient ingrediant1, Ingredient ingrediant2

   1. Create the appropriate instance variables and class.

   2. Create a constructor for PizzaOrder that accepts two Ingredient parameters that sets the ingredient values, and have this constructor automatically set the pizza size to "Medium."

   3. Create another constructor for PizzaOrder that accepts two Ingredient parameters and a String parameter giving the size ordered. These parameters should set the values of the variables.

   4. Implement an accessor method that returns a true or false value called isVegetarian. This method should return a true if both ingredients are veggies. Otherwise it should return a false.

   5. Implement an accessor method called countCal that returns an integer value representing the calorie count of the pizza. If the pizza is a "Medium" pizza, add 300 calories. For "Large", add 500 calories. Add the calorie counts for each ingredient (multiply by 1.5 the ingredient calorie count if the pizza is a "Large").

   6. Make a mutator method called changeIngredients that accepts two ingredients and changes them.

   7. Make a mutator method that changes the size of the pizza called changeSize.

   8. Finally, write a method called toString that returns the following. There should be NO calculations performed in this method (use methods that you have written or that already exist):

      "Pizza Size: <size of PizzaOrder>

      Ingrediants: <ingredient1 name>, <ingredient2 name>

      Total Calorie Count: <Pizza Order total calorie count>"

The definition for Ingredient is found below:

```
public class Ingredient
{
        private String name;
        private int calories;
        private boolean veggie;
        public Ingredient(String name2, int calories2, boolean veggies2){
                name = name2;
                calories = calories2;
                veggie = veggies2;}
        public String obtainName()
                { return name;}
        public boolean isVeggie()
                { return veggies;}
        public int calorieCount()
                {return calories;}}
```

Write your answer here: