**Part 2: (Assessment) Logic Check for GenCheeseShopv2.java**

**1) What parts did you copy from Lab 02 (A-F)?**

I did not use any part of my lab 2 code.

**2) What parts did you copy from Lab 03 (A-F)?**

I copied and pasted part A, part B, and part E of my lab 3 code. These parts run properly when run within a method.

**3) How many parts did you change, or create as new (A-F)?**

I mainly changed the for-loops and the if statements that utilized MAXCHEESE to run. All of these statements were replaced by the length of an array, which ever was being used in the method which in most cases was “names.length” I also made the return statements to return whatever variable it had to return. For the parts I did not copy, I just created new statements that would work with the given

**4) Can changing the declaration of calcSubTotal to the following (and invocation) still work?**

**i. public static double calcSubTotal(double[] p, int[] a)**

This declaration still works.

**ii. public static double calcSubTotal(double[] a, int[] p)**

This declaration works as intended.

**iii. public static double calcSubTotal(double[] p, double[] a)**

This declaration does not work as intended because it is requesting two arrays that are both double; we are using a double and an integer so when the invocation is called it gives us a compilation error.

**iv. public static double calcSubTotal(int[] a, double[] p)**

This method declaration does not work as intended. While we do have the correct data types they are in the wrong order, they must be in the correct order so that when the invocation occurs the data types match. In the declaration.

**v. public static double calcSubTotal(double[] p1, int[] p2);**

This declaration works as it is intended to work, no problems.

**5) What must you do so that discount prints out a decimal instead of just an integer?**

**Prints out: -Discount: $10.0 Instead of: -Discount: $10**

One only must force the integer discount to become a double when one is going to print out the statement.

public static void printTotal(double subTotal, int discount) {

System.out.println("-Discount: $" + **(double)**discount);

System.out.println("Total : $"+ (double)(subTotal+discount));

}