Course: CPSC215

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**Project 1**

\_\_YES\_\_ I have followed the academic honesty rules as outlined in the course syllabus.

\_\_YES\_\_ I have carefully reviewed the details of the assignment.

\_\_YES\_\_ I have organized my printed assignment as outlined in the homework handout.

\_\_YES\_\_ I have submitted an identical copy of the assignment on Moodle.

\_\_YES\_\_ I used pseudocode, flowcharts or a similar tool to develop my solutions.

\_\_YES\_\_ I unit tested and integration tested my solutions.

**public class Product**

\_\_\_YES\_ The class follows the requirements outlined in the assignment.

\_\_YES\_\_ The class is properly documented and commented.

\_\_YES\_\_ The class compiles, works according to the specifications, and passed correctness testing.

\_\_NO\_\_ The class compiles but does not work according to the specifications.

\_\_NO\_\_ The class does not compile.

Other Comments:

Interface

public Product (String name, int number, String category, boolean availability)

Constructs and instance of a Product.

public Product()

Constructs a product with no information

public String getName(){

Gets name of Product

public int getNumber(){

Gets number of Product

public boolean getAvailability(){

Gets availability status of Product

public String toString(){

Returns Product as a String

**public class ProductInventory**

\_\_\_YES\_ The class follows the requirements outlined in the assignment.

\_\_YES\_\_ The class is properly documented and commented.

\_\_No\_\_ The class compiles, works according to the specifications, and passed correctness testing.

\_\_YES\_\_ The class compiles but does not work according to the specifications.

\_\_NO\_\_ The class does not compile.

Other Comments:

My compareTo() method does not work, which impacts the Insert method (it is commented out). I tried comparing the parameter to iter.next() and a variety of other things.

Interface:

public ProductInventory()

Makes a new list when an inventory is created

public ProductInventory(int maxSize) {

Makes a list and gives it a max size when an inveory is created

public void insert(Product p)

Inserts a product (p) into the list

public void display()

Displays all products in the inventory

public void displayAvailable()

Prints all products that are in stock

public void topSearched()

Prints the five most recent products searched

public void find(int productNumber)

Seares for a product using the product's number

public void remove(int productNumber)

Removes a product from the list