**Product Class and Inventory Module**

**Part 1: Product Class**

**Write a class named Product that holds data about an item in a retail store. The class should store the following data in attributes: product id, item description, units in inventory, and price. Write the \_\_init\_\_ method to require all four attributes. Also write a \_\_str\_\_ method for debugging output.**

**Once you have written the class, write a main() function that creates three Product objects and stores the following data in them. Use the \_\_str\_\_ method to confirm the data is stored properly.**

**ID Description Quantity Price  
1 Jacket 12 59.95  
2 Designer Jeans 40 34.95  
3 Shirt 20 24.95**

**Submit your python file (.py) to Sakai**

**Part 2: Inventory Module**

**Create an Inventory module by moving the Product Class definition to another file called inventory.py. Add three \_\_doc\_\_ strings: one that describe the inventory module (include your name and the date here), one that describes the Product class, and one that describes the Product class \_\_init\_\_ method.**

**Rename your main() function to test\_inventory.py   
Add an import at the top of the file to read the Product class definition.  
Add these print statements to test the \_\_doc\_\_ string:**

**Print(inventory.\_\_doc\_\_)**

**Print(Product.\_\_doc\_\_)**

**Print(Product.\_\_init\_\_..\_\_doc\_\_)**

**Test the program to be sure it still works. NOTE: If using IDLE, you will have to explicitly save the inventory.py file after making changes.**

**Submit your two python files (.py) to Sakai**