Assignment 6 Grade & Feedback

38 + 2 e.c for on time work = 40/40 = 100% = A

Excellent

Assignment 6	
Grading Rubric	Score
Part 1: CoffeeShopInventory Manager [10 points] 1. (Total 10 points) Declare and create 3 arrays.a. (2 points) The first array, named items, should contain 5 items ("cups", "coffee beans", "lids", "towel", "sleeves"). Use Array-Initializer notation for assigning these 5 values to this array. • b. (3 points) The second array, named quantity, should contain the current quantity for each of the corresponding	10

items. Obtain these quantities from the user. For each user input check if it is a valid number (greater than or equal to 0). See output below: • c. (3 points) The third array, named price, should contain the price per piece of the corresponding item (example, 4 dollars for a cups, 0.5 dollars for a coffee beans). Obtain these prices from the user. For each user input check if it is a valid number (greater than or equal to 0). See output below: • d. (2 points. 1 per array) Use the appropriate datatype for each array.	
Part 2: CoffeeShopInventory Manager [20 points] a. (3 points) Display to the user the possible	20

operations on the inventory and prompt her/him to choose one. There are 5 possible operations: Print Inventory, Check for low inventory, Total inventory value, Highest and lowest inventory value items, Exit. The details of each of these operations are given below

b. (3 points) Print inventory (p): This operation prints the inventory in the following format: Item Name, Quantity, Price Per Piece, Item Total Value. The last column prints the product of quantity and price per piece for each item. Go back to step a.

c. (5 points) Check for low inventory (c): This operation checks for items that have 5 or fewer quantity, and prints them in the same format as in option(b).
If there is no such item then print an

appropriate message. Finally, go back to step a. d. (5 points) Highest and lowest inventory value items (h): This operation finds the item with the highest inventory value (quantity*price-per-piece), If there is more than one item with the same highest (or lowest) value then display all such items. Finally, go back to step a. e. (3 points) This operation computes the grand total value of the current inventory using the quantity and price per piece information, and prints that grand total value. Finally, go back to step a. f. (1 point) Exit (e): Exits the program.	
Part 3: Reflect with a Buddy 50 words [8 points]	8