

Problem 1

INPUT	PROCESS	OUTPUT
<ul style="list-style-type: none"> - 9 variables to hold quantity, price, total, tax, totalOrder, overallTotal, overallTax, overallTotalOrder, and entryCount - Asks and stores input for quantity and price 	<ul style="list-style-type: none"> - While loop to continue the code until the user presses ctrl + z - Function that calculatesOrder and is able to be recalled - Adds total to overallTotal - Adds tax to overall tax - Adds totalOrder to overallTotalOrder - Adds 1 count to entry count 	<ul style="list-style-type: none"> - Displays total - Displays tax - Displays total order - Displays overall total - Displays overall tax - Displays overall total order

Problem 2

INPUT	PROCESS	OUTPUT
<ul style="list-style-type: none"> - 7 variables to hold chargePerOunce, weight, postage, areaCharge, weightCharge, zipCode, and entryCount - Asks and stores input for weight and zip code 	<ul style="list-style-type: none"> - While loop to continue the code until the user presses ctrl + z - Function that calculates package charges which is able to be recalled - Adds 1 count to entryCount 	<ul style="list-style-type: none"> - Displays area charge - Displays weightCharge - Displays postage - Displays number of entries

Problem 3

INPUT	PROCESS	OUTPUT
<ul style="list-style-type: none"> - 8 variables to hold lastName, creditHours, financialAid, tuition, tuitionOwed, totalTuitionOwed, studentCount - Asks and stores input for last name, credit hours, and financial aid 	<ul style="list-style-type: none"> - While loop to continue the code until the user presses ctrl + z - Function that calculates tuition which can be recalled - Adds tuition owed to totalTuitionCost - Adds 1 count to studentCount 	<ul style="list-style-type: none"> - Displays last name - Displays tuition cost - Displays tuition owed - Displays total tuition owed - Displays number of entries - Displays average amount owed

Problem 4

INPUT	PROCESS	OUTPUT
<ul style="list-style-type: none"> - 7 variables to hold widgets, costPerWidget, extendedPrice, salesTax, totalOrder, overallTotalOrder, and entryCount - Asks and stores input for number of widgets 	<ul style="list-style-type: none"> - While loop to continue the code until the user presses ctrl + z - Function that calculates widget order which can be recalled - Adds totalOrder to overallTotalOrder - Adds 1 count to entryCount 	<ul style="list-style-type: none"> - Displays number of widgets - Displays costPerWidget - Displays extendedPrice - Displays salesTax - Displays totalOrder - Displays overallTotalOrder

Problem 5

INPUT	PROCESS	OUTPUT
<ul style="list-style-type: none">- 5 variables to hold investment, fiveYearRate, tenYearRate, fiveYearAmount, and tenYearAmount- Asks and stores input for investment amount, 5 year interest rate and 10 year interest rate	<ul style="list-style-type: none">- While loop to continue the code until the user presses ctrl + z- Function that calculates investment which can be recalled	<ul style="list-style-type: none">- Displays investment amount- Displays five-year amount- Displays ten-year amount