

Problem 1

INPUT	PROCESS	OUTPUT
<ul style="list-style-type: none">- 7 variables to hold make, model, msrp, salesPrice, saving, salesTax, and totalSavings- Auto.txt file that has data for code to read and analyze	<ul style="list-style-type: none">- While loop to read and process code below until the end of the txt file- Reads whatever is in the .txt file- Function that calculates car data which can be recalled at anytime- Adds savings to totalSavings	<ul style="list-style-type: none">- Displays make of car- Displays model- Displays msrp- Displays sales price- Displays saving- Displays sales tax- Displays total savings

Problem 2

INPUT	PROCESS	OUTPUT
<ul style="list-style-type: none">- 7 variables to hold item, quantity, price, extendedPrice, tax, receiptTotal, and sumExtendedPrice- Grocery.txt file that has data for code to read and analyze	<ul style="list-style-type: none">- While loop to read and process code below until the end of the txt file- Reads whatever is in the .txt file- Function that calculates extended price which is recalled to get extendedPrice- Adds extendedPrice to sumExtendedPrice	<ul style="list-style-type: none">- Displays item- Displays quantity- Displays cost per item- Displays extended price- Displays sum of extended price- Displays tax- Displays receipt total

	<ul style="list-style-type: none"> - Multiplies sumExtendedPrice by 7% to get the tax - Adds tax to sumExtendedPrice to get receiptTotal 	
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Problem 3

INPUT	PROCESS	OUTPUT
<ul style="list-style-type: none"> - 5 variables to hold gallons, miles, mpg, sumGallons, and sumMiles - Trips.txt file that has data for code to read and analyze 	<ul style="list-style-type: none"> - While loop to read and process code below until the end of the txt file - Reads whatever is in the .txt file - Function that calculates mpg recalled to get mpg - Adds gallons to sumGallons - Adds miles to sumMiles 	<ul style="list-style-type: none"> - Displays gallons - Displays miles - Displays miles per gallon - Displays sum of gallons - Displays sum of miles

Problem 4

INPUT	PROCESS	OUTPUT
<ul style="list-style-type: none"> - 5 variables to hold lastName, annualSalary, biWeeklySalary, 	<ul style="list-style-type: none"> - While loop to read and process code below until the end of the txt file 	<ul style="list-style-type: none"> - Displays last name - Displays annual salary

<p>sumAnnualSalary, and employeeCount</p> <ul style="list-style-type: none"> - Empl.txt file that has data for code to read and analyze 	<ul style="list-style-type: none"> - Reads whatever is in the .txt file - Function that calculates bi-weekly salary that is recalled to get biWeeklySalary - Adds annual salary to sumAnnualSalary - Adds 1 count to employeeCount - Divides sumAnnualSalary by employeeCount to get averageAnnualSalary 	<ul style="list-style-type: none"> - Displays bi-weekly salary - Displays sum of annual salary - Displays number of employees - Displays average annual salary
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Problem 5

INPUT	PROCESS	OUTPUT
<ul style="list-style-type: none"> - 7 variables to hold lastName, studentCode, creditsTaken, tuitionOwed, courseFees, sumTuitionOwed, and studentCount - Student.txt file that has data for code to read and analyze 	<ul style="list-style-type: none"> - While loop to read and process code below until the end of the txt file - Reads whatever is in the .txt file - Function that calculates student costs that can be called at any time - Adds tuitionOwed to sumTuitionOwed 	<ul style="list-style-type: none"> - Displays last name - Displays student code - Displays credits taken - Displays tuition owed - Displays course fees - Displays sum of tuition owed

	<ul style="list-style-type: none">- Adds 1 count to studentCount	<ul style="list-style-type: none">- Displays number of students- Displays average tuition cost
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