

then start the application. Test the application using various values for the monthly allowance and number of salespeople. When you are finished testing the application, close the Code Editor window and then close the solution.

3. In this exercise, you finish coding the restaurant tip application from Chapter 4's Exercise 3. If you want to use the interface you created in that exercise, delete (or rename) the Tip Solution folder contained in the ClearlyVB2012\Chap05 folder, and then copy your Tip Solution folder from the Chap04 folder to the Chap05 folder. Open the Tip Solution (Tip Solution.sln) file contained in the ClearlyVB2012\Chap05\Tip Solution folder. Center the tips within their label controls. Figure 5-14 shows the problem's output, input, and algorithm. Complete the application by coding its algorithm. Include comments in the Code Editor window. Save the solution and then start and test the application. Close the Code Editor window and then close the solution.

INTRODUCTORY

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Output: 10% tip
15% tip
20% tip

Input: restaurant bill

Algorithm:

1. enter the restaurant bill
2. calculate a 10% tip by multiplying the restaurant bill by 10%
3. calculate a 15% tip by multiplying the restaurant bill by 15%
4. calculate a 20% tip by multiplying the restaurant bill by 20%
5. display the 10% tip, 15% tip, and 20% tip

Figure 5-14 Information for Exercise 3

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4. In this exercise, you finish coding the net pay application from Chapter 4's Exercise 4. If you want to use the interface you created in that exercise, delete (or rename) the Net Pay Solution folder contained in the ClearlyVB2012\Chap05 folder, and then copy your Net Pay Solution folder from the Chap04 folder to the Chap05 folder. Open the Net Pay Solution (Net Pay Solution.sln) file contained in the ClearlyVB2012\Chap05\Net Pay Solution folder. Center the net pay within its label control. Figure 5-15 shows the problem's output, input, and algorithm. Complete the application by coding its algorithm. Include comments in the Code Editor window. Save the solution and then start and test the application. Close the Code Editor window and then close the solution.

INTRODUCTORY

Output: net pay

Input: gross pay
taxes
insurance

Algorithm:

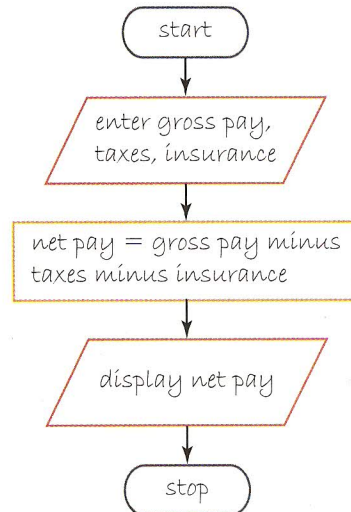


Figure 5-15 Information for Exercise 4

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INTRODUCTORY

5. Open the Scottsville Cellular Solution (Scottsville Cellular Solution.sln) file contained in the ClearlyVB2012\Chap05\Scottsville Cellular Solution folder. The Calculate Order button should calculate and display the total number of cell phones ordered and the total price of the order. Each cell phone costs \$85. Code the button's Click event procedure. Include comments in the Code Editor window. Save the solution and then start and test the application. Close the Code Editor window and then close the solution.

INTERMEDIATE

6. In this exercise, you finish coding the property tax application from Chapter 4's Exercise 5. If you want to use the interface you created in that exercise, delete (or rename) the Property Tax Solution folder contained in the ClearlyVB2012\Chap05 folder, and then copy your Property Tax Solution folder from the Chap04 folder to the Chap05 folder. Open the Property Tax Solution (Property Tax Solution.sln) file contained in the ClearlyVB2012\Chap05\Property Tax Solution folder. Center the annual property tax. Complete the algorithm shown in Figure 4-18 in Chapter 4 (if necessary) and then code the algorithm. Include comments in the Code Editor window. Save the solution and then start and test the application. (Using 175000 and 1.35 as the assessed value and property tax rate, respectively, the tax is 2362.5.) Close the Code Editor window and then close the solution.
7. In this exercise, you finish coding the application from Chapter 4's Exercise 6. If you want to use the interface you created in that exercise, delete (or rename) the Total Solution folder contained in the ClearlyVB2012\Chap05 folder, and then copy your Total Solution folder from the Chap04 folder to the Chap05 folder. Open the Total Solution (Total Solution.sln) file contained in the ClearlyVB2012\Chap05\Total Solution folder. Center the total due.

INTERMEDIATE