

- 3.8 Create a project that will input an employee's sales and calculate the gross pay, deductions, and net pay. Each employee will receive a base pay of \$900 plus a sales commission of 6 percent of sales.

After calculating the net pay, calculate the budget amount for each category based on the percentages given.

### Pay

Base pay	\$900; use a named constant
Commission	6% of sales
Gross pay	Sum of base pay and commission
Deductions	18% of gross pay
Net pay	Gross pay minus deductions

### Budget

Housing	30% of net pay
Food and clothing	15% of net pay
Entertainment	50% of net pay
Miscellaneous	5% of net pay

**Form:** Use text boxes to input the employee's name and the dollar amount of the sales. Use text boxes to display the results of the calculations.

Provide buttons for *Calculate*, *Clear*, *Print*, and *Exit*. Display a message to the user for any bad input data.

## Case Studies

### VB Mail Order

The company has instituted a bonus program to give its employees an incentive to sell more. For every dollar the store makes in a four-week period, the employees receive 2 percent of sales. The amount of bonus each employee receives is based upon the percentage of hours he or she worked during the bonus period (a total of 160 hours).

The screen will allow the user to enter the employee's name, the total hours worked, and the amount

of the store's total sales. The amount of sales needs to be entered only for the first employee. (*Hint: Don't clear it.*)

The *Calculate* button will determine the bonus earned by this employee, and the *Clear* button will clear only the name, hours-worked, and bonus amount fields. A *Print* button allows the user to print the form. Do not allow missing or bad input data to cancel the program; instead display a message to the user.