

Sales Bonus Application

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APPLICATION DESCRIPTION

This program will calculate the Sales Bonus Based on the employee's Working Hours and Total Sales.

No.	Object
1	Sales Bonus Form
2	Logo Picture Box
3	Employee Name Label
4	Employee ID Label
5	Hours Worked Label
6	Total Sales Label
7	Sales Bonus Label
8	Language Group Box
9	English Radio Button
10	French Radio Button
11	Employee Name Text Box
12	Employee ID Text Box
13	Hours Worked Text Box
14	Total Sales Text Box
15	Sales Bonus Text Box
16	Print Button
17	Calculate Button
18	Next Button

The diagram illustrates the 'Sales Bonus' form interface. It features a title bar 'Sales Bonus' at the top. On the left, there is a placeholder for a logo (labeled 2) and a large bracket (labeled 1) indicating the main form area. To the right of the logo, there is a 'Language' section (labeled 8) containing two radio buttons: 'English' (labeled 9) and 'Francais' (labeled 10). Below the language section, there are four input fields: 'Employee Name:' (labeled 11), 'Employee ID:' (labeled 12), 'Hours Worked:' (labeled 13), and 'Total Sales:' (labeled 14). Below these fields, there is a 'Sales Bonus:' label (labeled 15) and a corresponding input field. At the bottom, there are three buttons: 'Print' (labeled 16), 'Calculate' (labeled 17), and 'Next' (labeled 18). The form is set against a light gray grid background.

Property and Settings




Company Logo


No.	Property	Setting
1	Name Text StartPosition Size	SalesBonusForm Sales Bonus Center 390,405
2	Name Size	Logo Box 150, 140
3	Name Text	EmpNameLbl Employee Name:
4	Name Text	EmpIdLbl Employee ID:
5	Name Text	HrsWorkedLbl Hours Worked:
6	Name Text	TotalSalesLbl Total Sales:
7	Name Text	SalesBonusLbl Sales Bonus
8	Name Text Size	LangGbox Language 183,112
9	Name Text Checked	EnglishRadioButton English True
10	Name Text	FrenchRadioButton Français
11	Name Text	EmpNameTextBox (blank)
12	Name Text	EmpIdTextBox (blank)
13	Name Text	HrsWorkedTextBox (blank)
14	Name Text	TotalSalesTextBox (blank)
15	Name Text	SalesBonusTextBox (blank)
16	Name Text	PrintBtn Print
17	Name Text	CalcBtn Calculate
18	Name Text	NextBtn Next

CODE PLANNING

Procedure	Actions-Pseudocode
EnglishRadioButton_CheckedChanged	<i>If radio button is checked Change label Label to "English".</i>
FrenchRadioBttn_CheckedChanged	<i>If radio button is checked Change all label to "Francais".</i>
CalcBttn_Click	<i>Convert text (HrsWorkedTextBox) and (TotalSalesTextBox) to decimal and set both to inHoursWorked and inTotalSales. Divide inHoursWorked to 160 and set it to perchHours. Multiply inTotalSales to 0.02 and set it to totalBonus. Multiply perchHours and totalBonus and set it to salesBonus. If inHoursWorked is less than equal to 160 Then display the answer to Sales bonus Text box Else Display "(inHoursWorked) hours worked is invalid, must be within 0 to 160 hours."</i>
HrsWorkedTextBox_TextChanged	<i>Disable character key press except numeric.</i>
TotalSalesTextBox_TextChanged	<i>Disable character key press except one decimal and numeric.</i>
NextBttn_Click	<i>Method calls another method ClearTextBoxes</i>
ClearTextBoxes	<i>Method clears all text in the text box.</i>
PrintBttn_Click	<i>Set the print action to print preview. Call the print method.</i>

Final Form

 **Sales Bonus** — □ ×



Language

☒ English

☐ Français

Employee Name:

Employee ID:

Hours Worked:

Total Sales:

Sales Bonus: