

4.6 (Select Case) Piecework workers are paid by the piece. Workers who produce a greater quantity of output are often paid at a higher rate.

Form: Use text boxes to obtain the person's name and the number of pieces completed. Include a *Calculate* button to display the dollar amount earned. You will need a *Summary* button to display the total number of pieces, the total pay, and the average pay per person. A *Clear* button should clear the name and the number of pieces for the current employee and a *Clear All* button should clear the summary totals after confirming the operation with the user.

Include validation to check for missing data. If the user clicks on the *Calculate* button without first entering a name and the number of pieces, display a message box. Also, you need to make sure to not display a summary before any data are entered; you cannot calculate an average when no items have been calculated. You can check the number of employees in the Summary event procedure or disable the *Summary* button until the first order has been calculated.

Pieces Completed	Price Paid per Piece for All Pieces
1-199	.50
200-399	.55
400-599	.60
600 or more	.65

5.1 Modify Programming Exercise 4.6 (piecework pay) to replace buttons with menus and add a function procedure.

This project will input the number of pieces and calculate the pay for multiple employees. It also must display a summary of the total number of pieces, the total pay, and the average pay for all employees.

Menu: The menu bar must have these items:

<u>F</u> ile	<u>E</u> dit	<u>H</u> elp
<u>C</u> alculate Pay	<u>C</u> lear	<u>A</u> bout
<u>S</u> ummary		
<u>E</u> xit	<u>F</u> ont...	
	<u>C</u> olor...	

Piecework workers are paid by the piece. Workers who produce a greater quantity of output may be paid at a higher rate.

Use text boxes to obtain the name and the number of pieces completed. The *Calculate Pay* menu item calculates and displays the dollar amount earned. The *Summary* menu item displays the total number of pieces, the total pay, and the average pay per person in a message box. The *Clear* menu choice clears the name and the number of pieces for the current employee and resets the focus.

The *Color* and *Font* items should change the color and font of the information displayed in the Amount Earned control.

Use a message box to display the program name and your name for the *About* option on the *Help* menu.

Write a function procedure to find the pay rate and return a value to the proper event procedure.

Pieces Completed	Price Paid per Piece for All Pieces
1 to 199	.50
200 to 399	.55
400 to 599	.60
600 or more	.65

Note: For help in basing a new project on an existing project, see “Basing a New Project on an Existing Project” in this chapter.