Form: The form should have three text boxes for the user to enter the grams for each category. Include labels next to each text box indicating what the user is to enter.

Include buttons to *Calculate*, to *Clear* the text boxes, to *Print the Form*, and to *Exit*.

Make the form's Text property "Calorie Counter".

Code: Write the code for each button. Make sure to catch any bad input data and display a message box to the user.

3.2   Lennie McPherson, proprietor of Lennie's Bail Bonds, needs to calculate the amount due for setting bail. Lennie requires something of value as collateral, and his fee is 10 percent of the bail amount. He wants the screen to provide boxes to enter the bail amount and the item being used for collateral. The program must calculate the fee.

Form: Include text boxes for entering the amount of bail and the description of the collateral. Label each text box.

Include buttons for *Calculate*, *Clear*, *Print*, and *Exit*.

The text property for the form should be "Lennie's Bail Bonds".

Code: Include event procedures for the click event of each button. Calculate the amount due as 10 percent of the bail amount and display it in a text box, formatted as currency. Make sure to catch any bad input data and display a message to the user.

3.3   In retail sales, management needs to know the average inventory figure and the turnover of merchandise. Create a project that allows the user to enter the beginning inventory, the ending inventory, and the cost of goods sold.

Form: Include labeled text boxes for the beginning inventory, the ending inventory, and the cost of goods sold. After calculating the answers, display the average inventory and the turnover formatted in text boxes.

Include buttons for *Calculate*, *Clear*, *Print*, and *Exit*. The formulas for the calculations are

$$\text{Average inventory} = \frac{\text{Beginning inventory} + \text{Ending inventory}}{2}$$

$$\text{Turnover} = \frac{\text{Cost of goods sold}}{\text{Average inventory}}$$

Note: The average inventory is expressed in dollars; the turnover is the number of times the inventory turns over.

Code: Include procedures for the click event of each button. Display the results in text boxes. Format the average inventory as currency and the turnover as a number with one digit to the right of the decimal. Make sure to catch any bad input data and display a message to the user.

Test Data

Beginning	Ending	Cost of Goods Sold	Average Inventory	Turnover
58500	47000	400000	$52,750.00	7.6
75300	13600	515400	44,450.00	11.6
3000	19600	48000	11,300.00	4.2