***Application: Mats-R-Us Retailer Cost Calculator***

------------------------------------------------

Constants:

- TYPE\_STANDARD: 99.0

- TYPE\_DELUXE: 129.0

- TYPE\_PREMIUM: 179.0

- COLOR\_BLUE: 0.0

- COLOR\_RED: 10.0

- COLOR\_PINK: 15.0

- FOLDABLE\_COST: 25.0

- SALES\_TAX\_RATE: 8.75% (0.0875)

Main Form (frmMain):

- Controls:

- Radio Buttons for Material Type (rbStandard, rbDeluxe, rbPremium)

- Radio Buttons for Color (rbBlue, rbRed, rbPink)

- Check Box for Foldable (chkFoldable)

- Label for Displaying Total Cost (lblText)

- Button for Calculation (btnCalc)

- Button for Exit (btnExit)

Functions and Procedures:

1. Function CalculateBasePrice():

- Determines the base price based on the selected material type.

2. Sub CalculateAdditionalCost(ByRef additionalCost As Double):

- Calculates the additional cost for color and foldable options.

- Updates the 'additionalCost' parameter by reference.

3. Function CalculateTotalCost():

- Calls CalculateBasePrice() and CalculateAdditionalCost() to compute the total cost.

- Returns the total cost.

Event Handlers:

4. btnCalc\_Click:

- Event handler for the "Calculate" button.

- Calls CalculateTotalCost() and displays the total cost in lblText.

5. btnExit\_Click:

- Event handler for the "Exit" button.

- Closes the application.

6. MainForm\_FormClosing:

- Form closing event handler.

- Displays a confirmation dialog before allowing the form to close.

***Overall Flow:***

- The user selects a material type, color, and foldable option.

- Clicking the "Calculate" button calculates and displays the total cost.

- The "Exit" button allows the user to exit the application with a confirmation prompt.

***User Interface:***

- The form provides options for selecting material type, color, and foldable.

- The calculated total cost is displayed in a label.

***Notes:***

- The application follows the provided pricing constants and sales tax rate.

- It includes proper confirmation dialogs for exit requests.

- It uses event-driven programming to respond to user actions.