Imports System.ComponentModel

Public Class Form1

‘Declare module-level variables

Private TotalPieces As Integer

Private TotalPay, AveragePay As Decimal

Private Sub SummaryButton\_Click(sender As Object, e As EventArgs) Handles SummaryButton.Click

Try

‘Calculate Average pay per person

AveragePay = TotalPay / TotalPieces

Dim MessageString = “Total number of pieces : “ & TotalPieces.ToString(“C”) & ControlChars.NewLine & “The total pay: “ & TotalPay.ToString(“C”) & ControlChars.NewLine & “Average pay per person: “ & AveragePay.ToString(“C”)

MessageBox.Show(MessageString, “Totals and Averages”, MessageBoxButtons.OK, MessageBoxIcon.Information)

Catch exArithmeticException As ArithmeticException

MessageBox.Show(“No pieces comlpeted yet”, “Zero Message”, MessageBoxButtons.OK, MessageBoxIcon.Information)

Catch ex As Exception

MessageBox.Show(“Unexpected Error-inform the system administrator”, “unknown Error in Totals Button”, MessageBoxButtons.OK, MessageBoxIcon.Error)

End Try

End Sub

Private Sub ClearButton\_Click(sender As Object, e As EventArgs) Handles ClearButton.Click

NameTextBox.Clear()

QuantityTextBox.Clear()

AmountTextBox.Clear()

PriceTextBox.Clear()

End Sub

Private Sub CloseButton\_Click(sender As Object, e As EventArgs) Handles CloseButton.Click

‘Close the form if the system user responds Yes

Dim MessageString As String = “Do you want to close the form?”

Dim ButtonDialogResult As DialogResult = MessageBox.Show(MessageString, “Quit?”, MessageBoxButtons.YesNo, MessageBoxIcon.Question, MessageBoxDefaultButton.Button2)

If ButtonDialogResult = Windows.Forms.DialogResult.Yes Then

Me.Close()

End If

End Sub

Private Sub NameTextBox\_TextChanged(sender As Object, e As EventArgs) Handles NameTextBox.TextChanged

End Sub

Private Sub ComputeButton\_Click(sender As Object, e As EventArgs) Handles ComputeButton.Click

Try

‘Declear variables

Dim AmountEarned As Decimal

Dim QuantityCompleted As Integer

Dim Price As Decimal

‘Decisions and Conditions

If QuantityCompleted <= 200 Then

Price = 60

ElseIf QuantityCompleted <= 400 Then

Price = 65

ElseIf QuantityCompleted <= 600 Then

Price = 70

Else

Price = 75

End If

‘Parse your input values and store in respective variable

QuantityCompleted = Integer.Parse(QuantityTextBox.Text)

‘Perform calculations

AmountEarned = QuantityCompleted \* Price

‘Store calculated value in respective output textbox

AmountTextBox.Text = AmountEarned.ToString(“n2”)

PriceTextBox.Text = Price.ToString(“n2”)

‘Accumulate

TotalPieces += QuantityCompleted

TotalPay += AmountEarned

Catch ex As Exception

MessageBox.Show(“Input Error !”, “Quantity must be numbers only”, MessageBoxButtons.OK, MessageBoxIcon.Error)

End Try

End Sub

Private Sub QuantityTextBox\_TextChanged(sender As Object, e As EventArgs) Handles QuantityTextBox.TextChanged

‘Validate the employee information groupbox

End Sub

Private Sub NameTextBox\_Validating(sender As Object, e As CancelEventArgs) Handles NameTextBox.Validating

‘Validate the employee information groupbox

If NameTextBox.Text = String.Empty Then

e.Cancel = True

ErrorProvider1.SetError(NameTextBox, “Nmae is required”)

Else

ErrorProvider1.SetError(NameTextBox, “”)

End If

End Sub

Private Sub Label2\_Click(sender As Object, e As EventArgs) Handles Label2.Click

End Sub

Private Sub QuantityTextBox\_Validating(sender As Object, e As CancelEventArgs) Handles QuantityTextBox.Validating

‘Validate the employee information groupbox

If QuantityTextBox.Text = String.Empty Then

e.Cancel = True

ErrorProvider1.SetError(QuantityTextBox, “Nmae is required”)

Else

ErrorProvider1.SetError(QuantityTextBox, “”)

End If

End Sub

End Class