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'Project 4

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'Tuesday Lab

Public Class Form1

'Declares constants and dimensions modular variables

Const HairstyleDecimal As Decimal = 60

Const MakeoverDecimal As Decimal = 125

Const ManacureDecimal As Decimal = 35

Const PermanentMakeupDecimal As Decimal = 200

Dim SubtotalDecimal As Decimal

Dim TotalDiscountDecimal As Decimal

Private Sub CalculateButton\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CalculateButton.Click

'Calculates prices/totals

'Dimensions totals

Dim PriceDecimal As Decimal

Dim ServiceDiscountDecimal As Decimal

Dim TotalDueDecimal As Decimal

'Disables calculate button and disables next service button

CalculateButton.Enabled = False

NextServiceButton.Enabled = True

'Goes through service options

If HairstyleRadioButton.Checked Then

PriceDecimal = HairstyleDecimal

ElseIf ManacureRadioButton.Checked Then

PriceDecimal = ManacureDecimal

ElseIf MakeoverRadioButton.Checked Then

PriceDecimal = MakeoverDecimal

ElseIf PermanentMakeupRadioButton.Checked Then

PriceDecimal = PermanentMakeupDecimal

Else

'Displays error message

If MessageBox.Show("Select a service", "Input Error",

MessageBoxButtons.OK, MessageBoxIcon.Error) Then

'Enables calculate button and disables Next service button

CalculateButton.Enabled = True

NextServiceButton.Enabled = False

Return

End If

End If

'Does Calculations

SubtotalDecimal = SubtotalDecimal + PriceDecimal

If TenPercentRadioButton.Checked Then

ServiceDiscountDecimal = PriceDecimal \* 0.1

ElseIf TwentyPercentRadioButton.Checked Then

ServiceDiscountDecimal = PriceDecimal \* 0.2

End If

TotalDiscountDecimal = TotalDiscountDecimal + ServiceDiscountDecimal

TotalDueDecimal = SubtotalDecimal - TotalDiscountDecimal

'Displays Results

PriceLabel.Text = PriceDecimal.ToString("C")

SubtotalLabel.Text = SubtotalDecimal.ToString("C")

TotalDiscountLabel.Text = TotalDiscountDecimal.ToString("N")

TotalDueLabel.Text = TotalDueDecimal.ToString("C")

'Enables calculate button and disables next service button

CalculateButton.Enabled = False

NextServiceButton.Enabled = True

End Sub

Private Sub PrintButton\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles PrintButton.Click

'Prints form

PrintForm1.PrintAction = Printing.PrintAction.PrintToPreview

PrintForm1.Print()

End Sub

Private Sub ExitButton\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ExitButton.Click

'Closes program

End

End Sub

Private Sub NextServiceButton\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles NextServiceButton.Click

'Unchecks all services

HairstyleRadioButton.Checked = False

MakeoverRadioButton.Checked = False

ManacureRadioButton.Checked = False

PermanentMakeupRadioButton.Checked = False

'Checks no coupon

NoneRadioButton.Checked = True

'clears Price

PriceLabel.Text = ""

'Sets calcualte button on and next service button off

CalculateButton.Enabled = True

NextServiceButton.Enabled = False

End Sub

Private Sub NewCustomerButton\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles NewCustomerButton.Click

'Displays assurance window

Dim YesNoResult As DialogResult

YesNoResult = MessageBox.Show("Do you really want to move on to next customer?", "New Customer Confirmation",

MessageBoxButtons.YesNo, MessageBoxIcon.Question)

If YesNoResult = Windows.Forms.DialogResult.Yes Then

'Does Next service button code

Call NextServiceButton\_Click(sender, e)

'Clears totals

SubtotalLabel.Text = ""

TotalDiscountLabel.Text = ""

TotalDueLabel.Text = ""

'Resets modular dimensioned variables

SubtotalDecimal = 0

TotalDiscountDecimal = 0

End If

End Sub

End Class