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BSIT 4A

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Public Class Form1
    Function calculate_tax(ByVal income As Decimal)
        Dim return_value(2) As String
        Dim tax_rate = 0.0
        Dim excess As Decimal
        Dim description As String
        If income <= 250000 Then
            tax_rate = 0.0
            description = "None (0%)"
        ElseIf 250000.0 < income And income <= 400000.0 Then
            excess = income - 250000
            tax_rate = 0.2 * excess
            description = "Your tax is 20% of excess over P250,000"
        ElseIf 400000.0 < income And income <= 800000.0 Then
            excess = income - 400000
            tax_rate = (0.25 * excess) + 30000
            description = "Your tax is P30,000 + 25% of excess over P400,000"
        ElseIf 800000.0 < income And income <= 2000000.0 Then
            excess = income - 800000
            tax_rate = (0.3 * excess) + 130000
            description = "Your tax is P130,000 + 30% of excess over P800,000"
        ElseIf 2000000.0 < income And income <= 8000000.0 Then
            excess = income - 2000000
            tax_rate = (0.32 * excess) + 490000
            description = "Your tax is P490,000 + 32% of excess over P2,000,000"
        Else
            excess = income - 8000000
            tax_rate = (0.35 * excess) + 2410000
            description = "Your tax is P2,410,000 + 35% of excess over P8,000,000"
        End If

        return_value(0) = tax_rate.ToString()
        return_value(1) = description
        Return return_value
    End Function
    Private Sub compute_btn_Click(sender As Object, e As EventArgs) Handles
        Button1.Click
            Dim income_value As Decimal
            Try
                income_value = CDec(TextBox1.Text)
            Catch ex As Exception
                MsgBox("Please enter a numeric values only.")
                Return
            End Try
            Dim tax_result = calculate_tax(income_value)
            Dim tax_rate = tax_result(0), tax_description = tax_result(1)
            TextBox2.Text = tax_rate
            Label3.Text = tax_description
            Button1.Enabled = False
        End Sub
End Class
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Private Sub try_again_btn_Click(sender As Object, e As EventArgs) Handles
Button2.Click
    TextBox1.Clear()
    TextBox2.Clear()
    Label3.Text = ""
    Button1.Enabled = True

End Sub
End Class

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