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Option Strict On
Imports System.Configuration
Imports System.IO
#Disable Warning CA2211
#Disable Warning IDE0054
'
'           Mike's Visual Basic version of his reminder program
'
' 27-Mar-2023 Version 1.0 First production release.
' 28-Mar-2023 Version 1.1 Forgot to do sorting. Corrected!
' 30-Mar-2023 Version 1.2 Added most current reminders radio button
'

Public Module GlobalVariables
    Public myFilename As String = "C:\Users\Mike\Documents\Documents\MyVisualBasicCode\Reminder\Reminder.dat"
    Public MyGlobalString As String
End Module

Public Class Form2
    Private Sub Form2_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        '
        ' Main form gets loaded
        '
        RadioButton4.Checked = True
        ButtonDelete.Enabled = False
        ButtonAdd.Enabled = False
        labelVersion.Text = "Version 1.2"
    End Sub

    Private Sub ButtonAdd_Click(sender As Object, e As EventArgs) Handles ButtonAdd.Click
        '
        ' User wants to add a new reminder
        ' Will need to insert it in the right place to keep the list sorted!
        '

        Dim myvalue As String
        Dim i As Integer

        myvalue = InputBox("Enter new reminder (put **** in year for wildcard)", "Add a reminder")
        If Len(myvalue) > 0 Then
            myvalue = Mid(myvalue, 1, 3) + UCase(Mid(myvalue, 4, 3)) + Mid(myvalue, 7)
            If ListBox2.Items.Count = 0 Then
                ListBox2.Items.Add(FormatListBoxEntry(myvalue))
            Else
                i = CalculateInsertionPoint(Mid(myvalue, 1, 11))
                If i < ListBox2.Items.Count Then

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        ListBox2.Items.Insert(i, FormatListBoxEntry(myvalue))
    Else
        ListBox2.Items.Add(FormatListBoxEntry(myvalue))
    End If
End If
End If

Call RewriteDataFile()
Call ReloadReminders()

End Sub
Function CalculateInsertionPoint(NewDate As String) As Integer
    '
    ' Determine where to insert in the listbox the new record with the
    ' supplied date.
    '
    Dim i As Integer
    Dim t As String
    i = 0
    For Each t In ListBox2.Items

        If HowManyDays(NewDate) < HowManyDays(t) Then
            Exit For
        Else
            i = i + 1
        End If

    Next
    CalculateInsertionPoint = i
End Function

Private Sub ButtonDelete_Click(sender As Object, e As EventArgs) Handles
    ButtonDelete.Click
    '
    ' User wants to delete a reminder
    '
    If ListBox2.Items.Count > 0 Then
        If ListBox2.SelectedIndex >= 0 Then
            If MsgBox("Delete " + UnformatListBoxEntry
                (ListBox2.SelectedItem.ToString) + "?", MsgBoxStyle.YesNo) =
                MsgBoxResult.Yes Then
                ListBox2.Items.Remove(ListBox2.SelectedItem)
                Call RewriteDataFile()
            End If
        Else
            MessageBox.Show("Nothing selected from list!")
        End If
    End If
End Sub

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Private Sub ButtonExit_Click(sender As Object, e As EventArgs) Handles ButtonExit.Click
    '
    ' User wants to exit the program
    '
End Sub

Private Sub RadioButton1_CheckedChanged(sender As Object, e As EventArgs) Handles RadioButton1.CheckedChanged
    '
    ' User wants to just view the current (future) reminders
    '
    Call ReloadReminders()
    ButtonDelete.Enabled = False
    ButtonAdd.Enabled = False
End Sub

Private Sub RadioButton2_CheckedChanged(sender As Object, e As EventArgs) Handles RadioButton2.CheckedChanged
    '
    ' User wants to just view the old (past) reminders
    '
    Call ReloadReminders()
    ButtonDelete.Enabled = False
    ButtonAdd.Enabled = False
End Sub

Private Sub RadioButton3_CheckedChanged(sender As Object, e As EventArgs) Handles RadioButton3.CheckedChanged
    '
    ' User wants to just view all the reminders
    ' Note that deleting reminders can only occur when this option is selected.
    '
    Call ReloadReminders()
    ButtonDelete.Enabled = True
    ButtonAdd.Enabled = True
End Sub

Sub ReloadReminders()
    '
    ' Routine reloads the reminder file into the listbox subject to the current radio button setting.
    '
    ListBox2.Items.Clear()
    Call GetReminderData()
End Sub
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Private Sub RadioButton4_CheckedChanged(sender As Object, e As EventArgs) 
    Handles RadioButton4.CheckedChanged
    '
    ' User wants to just view the imminent reminders
    '
    Call ReloadReminders()
    ButtonDelete.Enabled = False
    ButtonAdd.Enabled = False
End Sub
End Class
```