```
Public Class Med
    Dim male As Boolean
    Dim pname, pss, pDOB, pWeight, pHeight, pGender As String
    ' for output....
    Dim aTime1(2) As Byte
    Dim aTime2(2) As Byte
    Dim aTime3(2) As Byte
    Dim aTime4(2) As Byte
    Dim startDate As Date
    Dim endDate As Date
    ' for input....
    Dim pAtime1(2) As Byte
    Dim pAtime2(2) As Byte
    Dim pAtime3(2) As Byte
    Dim pAtime4(4) As Byte
    Dim starttime As Date
    Dim box_times(500) As Integer
    Dim box_number(500) As Byte
    Dim inlength As Integer
    Dim adData(507, 28) As String


    Private Sub read_patient_data()
        Dim x, j As Byte
        Dim tempstr As String
        Dim input(20) As Byte
        If (SerialPort.IsOpen = False) Then
            SerialPort.Open()
        End If
        x = 0
        j = 0
        'Label12.Text = "te"
        ''''''for pname ''''''''''
        While SerialPort.BytesToRead = 0
        End While

        x = SerialPort.ReadByte()

        While SerialPort.BytesToRead < x

        End While

        SerialPort.Read(input, 1, x)
        tempstr = ""
        pname = ""
        For j = 1 To x
            pname = pname + Chr(input(j))
        Next
        ''''''for pDOB ''''''''''
        While SerialPort.BytesToRead = 0
        End While
        x = SerialPort.ReadByte()
        While SerialPort.BytesToRead < x
        End While


        SerialPort.Read(input, 1, x)
        tempstr = ""
        pDOB = ""
        For j = 1 To x
            pDOB = pDOB + Chr(input(j))
        Next
        ''''''for pss ''''''''''
        While SerialPort.BytesToRead = 0
        End While
        x = SerialPort.ReadByte()
        While SerialPort.BytesToRead < x
```

```
        End While


        SerialPort.Read(input, 1, x)
        tempstr = ""
        pss = ""
        For j = 1 To x
            pss = pss + Chr(input(j))
        Next
        ''''''for pGender ''''''''''
        While SerialPort.BytesToRead = 0
        End While
        x = SerialPort.ReadByte()
        While SerialPort.BytesToRead < x
        End While


        SerialPort.Read(input, 1, x)
        tempstr = ""
        pGender = ""
        For j = 1 To x
            pGender = pGender + Chr(input(j))
        Next
        ''''''for pWeight ''''''''''
        While SerialPort.BytesToRead = 0
        End While
        x = SerialPort.ReadByte()
        While SerialPort.BytesToRead < x
        End While
        SerialPort.Read(input, 1, x)
        tempstr = ""
        pWeight = ""
        For j = 1 To x
            pWeight = pWeight + Chr(input(j))
        Next
        ''''''for pHeight ''''''''''
        While SerialPort.BytesToRead = 0
        End While
        x = SerialPort.ReadByte()
        While SerialPort.BytesToRead < x
        End While
        SerialPort.Read(input, 1, x)
        tempstr = ""
        pHeight = ""
        For j = 1 To x
            pHeight = pHeight + Chr(input(j))
        Next
        '''' for start time
        Dim tmonth As Byte
        Dim tday As Byte
        Dim tyear As Byte
        Dim thour As Byte
        Dim tmin As Byte

        While SerialPort.BytesToRead = 0
        End While

        tmonth = btoB(SerialPort.ReadByte())

        While SerialPort.BytesToRead = 0
        End While

        tday = btoB(SerialPort.ReadByte())

        While SerialPort.BytesToRead = 0
        End While
```

```
        tyear = btoB(SerialPort.ReadByte())

        While SerialPort.BytesToRead = 0
        End While

        thour = btoB(SerialPort.ReadByte())

        While SerialPort.BytesToRead = 0
        End While

        tmin = btoB(SerialPort.ReadByte())

        starttime = New Date(tyear, tmonth, tday, thour, tmin, 0)


        '''' for prescribed alarm times

        pAtime1(0) = SerialPort.ReadByte()

        pAtime1(1) = SerialPort.ReadByte()

        pAtime2(0) = SerialPort.ReadByte()

        pAtime2(1) = SerialPort.ReadByte()

        pAtime3(0) = SerialPort.ReadByte()

        pAtime3(1) = SerialPort.ReadByte()

        pAtime4(0) = SerialPort.ReadByte()

        pAtime4(1) = SerialPort.ReadByte()


    End Sub
    Private Sub read_box_times()
        Dim j As Byte
        inlength = 0
        If (SerialPort.IsOpen = False) Then
            SerialPort.Open()
        End If
        inlength = SerialPort.ReadByte()
        'Dim box_times(x, 8) As Byte

        'If inlength > 0 Then
        For j = 0 To inlength
            box_number(j) = SerialPort.ReadByte()
            box_times(j) = SerialPort.ReadByte()
            ' Label12.Text = "asdfa"
        Next
        ' End If


        ' times.Resize(times, 10)

    End Sub
    Private Sub write_file(ByRef filename As String)
        Dim fso, tf
        fso = CreateObject("Scripting.FileSystemObject")
        tf = fso.CreateTextFile(filename, True)

        'Write a line with a newline character.
        'tf.WriteLine("Testing 1, 2, 3.")
        'Write three newline characters to the file.
        'tf.WriteBlankLines(3)
        'Write a line.
        'tf.Write("This is a test.")
```

```
        'tf.Close()

        'tf.writeline(", " + pname)

        'tf.writeline(", " + "SS#: " + pss)
        'tf.writeline(", " + "Gender: " + pGender)
        'tf.writeline(", " + "Weight: " + pWeight)
        'tf.writeline(", " + "Height: " + pHeight)
        'tf.writeline(", " + "Date of Birth: " + pDOB)
        'tf.writeblanklines(1)
        'tf.writeline(", " + "Monday, Tuesday, Wednesday, Thursday, Friday, Saturday,
    Sunday")

        'write time data
        'Dim count As Integer
        'Label11.Text = inlength

        'For count = 0 To inlength - 1 ' the -1 prevents an extraneous/erraneous value
    from being reported
        'tf.write(", ")
        'tf.write(box_number(count))
        'tf.write(", ")
        'tf.write(box_times(count))
        'tf.writeBlankLines(1)

        'Next
        Dim x, y As Integer
        x = 0
        y = 0
        For y = 0 To inlength + 6
            For x = 0 To 27
                If (adData(x, y) <> "") Then
                    tf.write(adData(x, y))
                    tf.write(", ")
                End If

            Next
            tf.writeblanklines(1)
        Next
        tf.close()
    End Sub
    Private Sub create_array()
        adData(0, 0) = pname
        adData(0, 1) = pss
        adData(0, 2) = pDOB
        adData(0, 3) = pWeight
        adData(0, 4) = pHeight
        adData(0, 5) = pGender
        Dim x As Byte
        x = 0


        adData(0, 6) = pAtime1(0) & ":" & pAtime1(1)
        adData(1, 6) = pAtime2(0) & ":" & pAtime2(1)
        adData(2, 6) = pAtime3(0) & ":" & pAtime3(1)
        adData(3, 6) = pAtime4(0) & ":" & pAtime4(1)

        adData(4, 6) = pAtime1(0) & ":" & pAtime1(1)
        adData(5, 6) = pAtime2(0) & ":" & pAtime2(1)
        adData(6, 6) = pAtime3(0) & ":" & pAtime3(1)
        adData(7, 6) = pAtime4(0) & ":" & pAtime4(1)

        adData(8, 6) = pAtime1(0) & ":" & pAtime1(1)
        adData(9, 6) = pAtime2(0) & ":" & pAtime2(1)
        adData(10, 6) = pAtime3(0) & ":" & pAtime3(1)
        adData(11, 6) = pAtime4(0) & ":" & pAtime4(1)
        adData(12, 6) = pAtime1(0) & ":" & pAtime1(1)
```

```
        adData(13, 6) = pAtime2(0) & ":" & pAtime2(1)
        adData(14, 6) = pAtime3(0) & ":" & pAtime3(1)
        adData(15, 6) = pAtime4(0) & ":" & pAtime4(1)

        adData(16, 6) = pAtime1(0) & ":" & pAtime1(1)
        adData(17, 6) = pAtime2(0) & ":" & pAtime2(1)
        adData(18, 6) = pAtime3(0) & ":" & pAtime3(1)
        adData(19, 6) = pAtime4(0) & ":" & pAtime4(1)

        adData(20, 6) = pAtime1(0) & ":" & pAtime1(1)
        adData(21, 6) = pAtime2(0) & ":" & pAtime2(1)
        adData(22, 6) = pAtime3(0) & ":" & pAtime3(1)
        adData(23, 6) = pAtime4(0) & ":" & pAtime4(1)

        adData(24, 6) = pAtime1(0) & ":" & pAtime1(1)
        adData(25, 6) = pAtime2(0) & ":" & pAtime2(1)
        adData(26, 6) = pAtime3(0) & ":" & pAtime3(1)
        adData(27, 6) = pAtime4(0) & ":" & pAtime4(1)

        x = 0
        Dim y As Integer
        Dim ttime As Date
        ' Label11.Text = starttime.Hour() & " " & starttime.Minute()

        While x < inlength
            y = 7
            While adData(box_number(x), y) <> ""
                y = y + 1
            End While

            ttime = starttime.AddMinutes(box_times(x) * 15)
            adData(box_number(x), y) = ttime.Hour() & ":" & ttime.Minute()
            x = x + 1
        End While

    End Sub
    Private Sub Med_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)
    Handles MyBase.Load
        If (SerialPort.IsOpen() = False) Then
            SerialPort.Open()
        End If

    End Sub
    Private Sub Med_Formclosed(ByVal sender As System.Object, ByVal e As System.EventArgs)
     Handles MyBase.Load
        If (SerialPort.IsOpen = True) Then
            SerialPort.Close()
        End If

    End Sub
    Private Sub applybu_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
    Handles applybu.Click
        If (SerialPort.IsOpen = False) Then
            SerialPort.Open()

        End If
        SerialPort.Write("x")
        sendname()
        sendss()
        sendDOB()
        sendweight()
        sendheight()
        sendgender()
        sendATimes()
        sendAStart()
        sendAEnd()
```

```
        ''new
        SerialPort.Write("A")
    End Sub
    Private Sub sendgender()
        Dim b(1) As Byte

        If (SerialPort.IsOpen = False) Then
            SerialPort.Open()
        End If

        If (male = True) Then
            ' Label12.Text = "male"
            If (SerialPort.IsOpen = False) Then
                SerialPort.Open()
            End If

            SerialPort.Write("g")
            b(0) = 4
            SerialPort.Write(b, 0, 1)
            SerialPort.Write("Male")

        End If
        If (male = False) Then
            If (SerialPort.IsOpen = False) Then
                SerialPort.Open()
            End If
            SerialPort.Write("g")
            b(0) = 6
            SerialPort.Write(b, 0, 1)
            SerialPort.Write("Female")
        End If
        If RbMale.Checked = False Then
            If RBFemale.Checked = False Then

                If (SerialPort.IsOpen = False) Then
                    SerialPort.Open()
                End If
                SerialPort.Write("g")
                b(0) = 4
                SerialPort.Write(b, 0, 1)
                SerialPort.Write("xxxx")
            End If
        End If

    End Sub
    Private Sub sendname()
        Dim sname As String
        Dim b(1) As Byte

        sname = TBpname.Text()
        b(0) = sname.Length()

        If b(0) > 20 Then
            sname.Remove(19) ' truncates string after position 19
            b(0) = 20
        End If
        If sname = "" Then
            sname = "xxxx"
        End If
        If (SerialPort.IsOpen = False) Then
            SerialPort.Open()
        End If

        SerialPort.Write("n")
        SerialPort.Write(b, 0, 1) 'sending length of array
        SerialPort.Write(sname)
```

```
    End Sub
    Private Sub sendweight()
        Dim w As String
        Dim b(1) As Byte
        w = TBpWeight.Text()

        b(0) = w.Length()
        If b(0) > 5 Then
            w.Remove(4) ' truncates string after position 4
            b(0) = 5
        End If
        If (SerialPort.IsOpen = False) Then
            SerialPort.Open()
        End If
        If w = "" Then
            w = "xxx"
        End If
        SerialPort.Write("w")
        SerialPort.Write(b, 0, 1) 'sending length of array
        SerialPort.Write(w)
    End Sub
    Private Sub sendheight()
        Dim h As String
        Dim b(1) As Byte
        h = TBpHeight.Text()

        b(0) = h.Length()
        If b(0) > 6 Then
            h.Remove(5) ' truncates string after position 5
            b(0) = 6
        End If
        If (SerialPort.IsOpen = False) Then
            SerialPort.Open()
        End If
        If h = "" Then
            h = "xx"
        End If
        SerialPort.Write("h")
        SerialPort.Write(b, 0, 1) 'sending length of array
        SerialPort.Write(h)
    End Sub
    Private Sub sendss()
        Dim ss As String
        Dim b(1) As Byte
        ss = TBpss.Text()

        b(0) = ss.Length()
        ' Label11.Text = b(0)
        If b(0) > 11 Then
            ss.Remove(10) ' truncates string after position 10 (11 characters)
            b(0) = 11
        End If
        If (SerialPort.IsOpen = False) Then
            SerialPort.Open()
        End If
        If ss = "" Then
            ss = "xxx-xx-xxxx"
        End If
        SerialPort.Write("s")
        SerialPort.Write(b, 0, 1) 'sending length of array
        SerialPort.Write(ss)
    End Sub
    Private Sub sendDOB()
        Dim dob As String
        Dim b(1) As Byte
        dob = TBpDOB.Text()
```

```
        'Label11.Text = dob
        b(0) = dob.Length()
        If b(0) > 10 Then
            dob.Remove(9) ' truncates string after position 9(10 characters)
            b(0) = 10
        End If
        If (SerialPort.IsOpen = False) Then
            SerialPort.Open()
        End If
        If dob = "" Then
            dob = "xx-xx-xxxx"
        End If
        SerialPort.Write("d")
        SerialPort.Write(b, 0, 1) 'sending length of array
        SerialPort.Write(dob)
    End Sub
    Private Sub sendATimes()
        If (aTime1(0) >= 0 & aTime1(0) <= 45 & aTime1(1) >= 0 & aTime1(1) <= 45) Then
            SerialPort.Write("W")
            SerialPort.Write(aTime1(0))
            SerialPort.Write(aTime1(1))
        End If
        If (aTime2(0) >= 0 & aTime2(0) <= 45 & aTime2(1) >= 0 & aTime2(1) <= 45) Then
            SerialPort.Write("X")
            SerialPort.Write(aTime2(0))
            SerialPort.Write(aTime2(1))
        End If
        If (aTime3(0) >= 0 & aTime3(0) <= 45 & aTime3(1) >= 0 & aTime3(1) <= 45) Then
            SerialPort.Write("Y")
            SerialPort.Write(aTime3(0))
            SerialPort.Write(aTime3(1))
        End If
        If (aTime4(0) >= 0 & aTime4(0) <= 45 & aTime4(1) >= 0 & aTime4(1) <= 45) Then
            SerialPort.Write("Z")
            SerialPort.Write(aTime4(0))
            SerialPort.Write(aTime4(1))
        End If


    End Sub
    Private Sub sendAStart()
        Dim m, d, y As Byte
        SerialPort.Write("[")
        m = startDate.Month()
        SerialPort.Write(m)
        d = startDate.Day()
        SerialPort.Write(d)
        y = startDate.Year Mod 2000 'ex: 2007 would be 7
        SerialPort.Write(y)
    End Sub

    Private Function btoB(ByVal toConvert As Byte) As Byte
        ' Dim x, y As Byte
        ' Dim output As Byte'

        '  x = toConvert \ 16

        '  y = toConvert Mod 16
        '  output = 10 * x + y
        ' Label12.Text = output
        btoB = toConvert

    End Function


    Private Sub sendAEnd()
        Dim m, d, y As Byte
```

```
        SerialPort.Write("]")
        m = endDate.Month()
        SerialPort.Write(m)
        d = endDate.Day()
        SerialPort.Write(d)
        y = endDate.Year Mod 2000 'ex: 2007 would be 7
        SerialPort.Write(y)
    End Sub
    Private Sub clearbu_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) ↙
    Handles clearbu.Click
        If (SerialPort.IsOpen = False) Then
            SerialPort.Open()
        End If

        SerialPort.Write("x")
    End Sub

    Private Sub RbMale_CheckedChanged(ByVal sender As System.Object, ByVal e As System.    ↙
    EventArgs) Handles RbMale.CheckedChanged
        If RbMale.Checked = True Then
            male = True

        End If
        If RbMale.Checked = False Then
            male = False
        End If
    End Sub
    Private Sub RBFemale_CheckedChanged(ByVal sender As System.Object, ByVal e As System. ↙
    EventArgs) Handles RBFemale.CheckedChanged
        If RBFemale.Checked = True Then
            male = False
        End If
        If RBFemale.Checked = False Then
            male = True
        End If
    End Sub
    Private Sub CBDis_CheckedChanged(ByVal sender As System.Object, ByVal e As System.    ↙
    EventArgs) Handles CBDis.CheckedChanged
        If CBDis.Checked = True Then
            DTStart.Visible = False
            DtEnd.Visible = False
            cbt1.Visible = False
            cbt2.Visible = False
            cbt3.Visible = False
            cbt4.Visible = False
            labStart.Visible = False
            LabEnd.Visible = False
            labATimes.Visible = False
        End If
        If CBDis.Checked = False Then
            DTStart.Visible = True
            DtEnd.Visible = True
            cbt1.Visible = True
            cbt2.Visible = True
            cbt3.Visible = True
            cbt4.Visible = True
            labStart.Visible = True
            LabEnd.Visible = True
            labATimes.Visible = True
        End If
    End Sub
    Private Sub luBU_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)    ↙
    Handles luBU.Click
        MsgBox("This feature will be added at a later time...", MsgBoxStyle.OkOnly,       ↙
    "Coming soon...")
    End Sub
    Private Sub brBU_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)    ↙
```

```
    Handles brBU.Click
        'MsgBox("This feature will be added at a later time...", MsgBoxStyle.OkOnly,
    "Coming soon...")
        '   Dim test As System.Windows.Forms.SaveFileDialog
        'test.ShowDialog()
        SaveFileDialog.ValidateNames = True
        'SaveFileDialog.CheckFileExists = True
        SaveFileDialog.CheckPathExists = True
        SaveFileDialog.DefaultExt = "txt"
        ' SaveFileDialog.Filter = "txt"
        SaveFileDialog.ShowDialog()
        TBFile.Text = SaveFileDialog.FileName()

    End Sub
    Private Sub savebu_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
    Handles savebu.Click
        'Dim correct_filename As Boolean
        Dim tfname As String
        If (SerialPort.IsOpen = False) Then
            SerialPort.Open()
        End If

        'If (TBFile.Text.Contains(":") = False) Then
        'MsgBox("Please enter a valid address", MsgBoxStyle.OkOnly, "Invalid Filename")
        ' correct_filename = False
        ' End If
        ' If (TBFile.Text.Contains(":") = True) Then
        'correct_filename = True
        ' Label11.Text = "test"

        If (TBFile.Text = "") Then
            TBFile.Text = "c:/defaultfilename.txt"
        End If

        tfname = TBFile.Text

        SerialPort.Write("S")
        read_patient_data()
        read_box_times()
        create_array()
        write_file(tfname)
    End Sub
    Private Sub clBU_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
    Handles clBU.Click
        TBFile.Text = ""
        TBpname.Text = ""
        TBpss.Text = ""
        TBpWeight.Text = ""
        TBpHeight.Text = ""
        RbMale.Checked = False
        RBFemale.Checked = False
    End Sub
    Private Sub aboutBU_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
    Handles aboutBU.Click
        MsgBox("The medication adherence environment was design for Dr. Juergens",
    MsgBoxStyle.OkOnly, "About...")
    End Sub
    Private Function aConv(ByVal index As Byte) As Byte()
        Dim output(2) As Byte

        Select Case (index)
            Case 0 'Midnight
                output(0) = 0
                output(1) = 0
            Case 1
                output(0) = 0
                output(1) = 15
```

```
            Case 2
                output(0) = 0
                output(1) = 30
            Case 3
                output(0) = 0
                output(1) = 45
                '1:00 AM
            Case 4
                output(0) = 1
                output(1) = 0
            Case 5
                output(0) = 1
                output(1) = 15
            Case 6
                output(0) = 1
                output(1) = 30
            Case 7
                output(0) = 1
                output(1) = 45
                '2:00 AM
            Case 8
                output(0) = 2
                output(1) = 0
            Case 9
                output(0) = 2
                output(1) = 15
            Case 10
                output(0) = 2
                output(1) = 30
            Case 11
                output(0) = 2
                output(1) = 45
                '3:00 AM
            Case 12
                output(0) = 3
                output(1) = 0
            Case 13
                output(0) = 3
                output(1) = 15
            Case 14
                output(0) = 3
                output(1) = 30
            Case 15
                output(0) = 3
                output(1) = 45
                '4:00 AM
            Case 16
                output(0) = 4
                output(1) = 0
            Case 17
                output(0) = 4
                output(1) = 15
            Case 18
                output(0) = 4
                output(1) = 30
            Case 19
                output(0) = 4
                output(1) = 45
                '5:00 AM
            Case 20
                output(0) = 5
                output(1) = 0
            Case 21
                output(0) = 5
                output(1) = 15
            Case 22
                output(0) = 5
```

```
            output(1) = 30
        Case 23
            output(0) = 5
            output(1) = 45
            '6:00 AM
        Case 24
            output(0) = 6
            output(1) = 0
        Case 25
            output(0) = 6
            output(1) = 15
        Case 26
            output(0) = 6
            output(1) = 30
        Case 27
            output(0) = 6
            output(1) = 45
            '7:00 AM
        Case 28
            output(0) = 7
            output(1) = 0
        Case 29
            output(0) = 7
            output(1) = 15
        Case 30
            output(0) = 7
            output(1) = 30
        Case 31
            output(0) = 7
            output(1) = 45
            '8:00 AM
        Case 32
            output(0) = 8
            output(1) = 0
        Case 33
            output(0) = 8
            output(1) = 15
        Case 34
            output(0) = 8
            output(1) = 30
        Case 35
            output(0) = 8
            output(1) = 45
            '9:00 AM
        Case 36
            output(0) = 9
            output(1) = 0
        Case 37
            output(0) = 9
            output(1) = 15
        Case 38
            output(0) = 9
            output(1) = 30
        Case 39
            output(0) = 9
            output(1) = 45
            '10:00 AM
        Case 40
            output(0) = 10
            output(1) = 0
        Case 41
            output(0) = 10
            output(1) = 15
        Case 42
            output(0) = 10
            output(1) = 30
        Case 43
```

```
            output(0) = 10
            output(1) = 45
            '11:00 AM
        Case 44
            output(0) = 11
            output(1) = 0
        Case 45
            output(0) = 11
            output(1) = 15
        Case 46
            output(0) = 11
            output(1) = 30
        Case 47
            output(0) = 11
            output(1) = 45
            'Noon
        Case 48
            output(0) = 12
            output(1) = 0
        Case 49
            output(0) = 12
            output(1) = 15
        Case 50
            output(0) = 12
            output(1) = 30
        Case 51
            output(0) = 12
            output(1) = 45
            '1:00 PM
        Case 52
            output(0) = 13
            output(1) = 0
        Case 53
            output(0) = 13
            output(1) = 15
        Case 54
            output(0) = 13
            output(1) = 30
        Case 55
            output(0) = 13
            output(1) = 45
            ' 2:00 PM
        Case 56
            output(0) = 14
            output(1) = 0
        Case 57
            output(0) = 14
            output(1) = 15
        Case 58
            output(0) = 14
            output(1) = 30
        Case 59
            output(0) = 14
            output(1) = 45
            '3:00 PM
        Case 60
            output(0) = 15
            output(1) = 0
        Case 61
            output(0) = 15
            output(1) = 15
        Case 62
            output(0) = 15
            output(1) = 30
        Case 63
            output(0) = 15
            output(1) = 45
```

```
            '4:00 PM
        Case 64
            output(0) = 16
            output(1) = 0
        Case 65
            output(0) = 16
            output(1) = 15
        Case 66
            output(0) = 16
            output(1) = 30
        Case 67
            output(0) = 16
            output(1) = 45
            '5:00 PM
        Case 68
            output(0) = 17
            output(1) = 0
        Case 69
            output(0) = 17
            output(1) = 15
        Case 70
            output(0) = 17
            output(1) = 30
        Case 71
            output(0) = 17
            output(1) = 45
            '6:00 PM
        Case 72
            output(0) = 18
            output(1) = 0
        Case 73
            output(0) = 18
            output(1) = 15
        Case 74
            output(0) = 18
            output(1) = 30
        Case 75
            output(0) = 18
            output(1) = 45
            '7:00 PM
        Case 76
            output(0) = 19
            output(1) = 0
        Case 77
            output(0) = 19
            output(1) = 15
        Case 78
            output(0) = 19
            output(1) = 30
        Case 79
            output(0) = 19
            output(1) = 45
            '8:00 PM
        Case 80
            output(0) = 20
            output(1) = 0
        Case 81
            output(0) = 20
            output(1) = 15
        Case 82
            output(0) = 20
            output(1) = 30
        Case 83
            output(0) = 20
            output(1) = 45
            '9:00 PM
        Case 84
```

```
                output(0) = 21
                output(1) = 0
            Case 85
                output(0) = 21
                output(1) = 15
            Case 86
                output(0) = 21
                output(1) = 30
            Case 87
                output(0) = 21
                output(1) = 45
                '10:00 PM
            Case 88
                output(0) = 22
                output(1) = 0
            Case 89
                output(0) = 22
                output(1) = 15
            Case 90
                output(0) = 22
                output(1) = 30
            Case 91
                output(0) = 22
                output(1) = 45
                '11:00 PM
            Case 92
                output(0) = 23
                output(1) = 0
            Case 93
                output(0) = 23
                output(1) = 15
            Case 94
                output(0) = 23
                output(1) = 30
            Case 95
                output(0) = 23
                output(1) = 45

        End Select
        aConv = output
    End Function
    Private Sub cbt1_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System↙
    .EventArgs) Handles cbt1.SelectedIndexChanged
        aTime1 = aConv(cbt1.SelectedIndex())

    End Sub
    Private Sub cbt2_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System↙
    .EventArgs) Handles cbt2.SelectedIndexChanged
        aTime2 = aConv(cbt2.SelectedIndex())


    End Sub
    Private Sub cbt3_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System↙
    .EventArgs) Handles cbt3.SelectedIndexChanged
        aTime3 = aConv(cbt3.SelectedIndex())

    End Sub
    Private Sub cbt4_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System↙
    .EventArgs) Handles cbt4.SelectedIndexChanged
        aTime4 = aConv(cbt4.SelectedIndex())
    End Sub
    Private Sub DTStart_ValueChanged(ByVal sender As System.Object, ByVal e As System.    ↙
    EventArgs) Handles DTStart.ValueChanged
        startDate = DTStart.Value()
        ' Label11.Text = startDate.Month() & " " & startDate.Day() & ", " & startDate.Year↙
    ()
```

```
    End Sub
    Private Sub DtEnd_ValueChanged(ByVal sender As System.Object, ByVal e As System.
    EventArgs) Handles DtEnd.ValueChanged
        endDate = DtEnd.Value()

    End Sub
End Class
```