

Steps to create DLL:

1) Start Visual Studio 2005 → Create New Project → select Class Library → Name it “MyTrialVersionApp”.

2) Write The Following Code In it.

CODE:

```
Imports Microsoft.Win32
Public Class RegistryTrial
    Private Last, First, RemainsDays, RemainsDays1, strOldDay,
strOldMonth, strOldYear As String
    'Number of Days Of the trial version.
    Private mintSystem_UsedTrialDays As Integer 'Number of days system
used
    Public StartDate As String
    Public LastDate As String
    Public FinalDate, FinalDateTime As String
    Public Function Regedit(ByVal TrialPeriod As Integer) As String
        'It first create Key then Stored value in it
        Dim regKey As RegistryKey
        Try
            Dim strRet As String = ""
            regKey = Registry.LocalMachine.OpenSubKey("SOFTWARE", True)
            regKey =
Registry.LocalMachine.OpenSubKey("Software\AppSecurity", True)
            If regKey Is Nothing Then
                regKey = Registry.LocalMachine.OpenSubKey("SOFTWARE",
True)
                regKey.CreateSubKey("AppSecurity")
                regKey.Close()
                If WriteValue(TrialPeriod) = False Then
                    Return "setting fail."
                End If
            Else
                strRet = GetValueFromReg(TrialPeriod)
                Return strRet
            End If
        Catch ex As Exception
            Return ""
        End Try
    End Function

    Public Function GetValueFromReg(ByVal mintTrialPeriod As Integer)
As String
        'This Function is used to Get/Read The Value from the registry
        Dim strReturn As String = ""
        Dim regKey As RegistryKey
        Dim ver, Final As String
        regKey =
Registry.LocalMachine.OpenSubKey("Software\AppSecurity", True) 'its
opens the path to read value
        ver = regKey.GetValue("System_In") 'System_In=It get the value
in (StartDate) & ";" & (LastDate) which is already stored in Encrypted
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formate.

    If ver = "" Then 'If User Change It
        Return "You have change some module,you are un-authorized
to use the application."
    Else
        Final = funcDecrpt_Date(ver) 'this Decrypt the Value
        If Final.Length() = "21" Then
            Last = Final.Substring(11)
            strOldDay = Final.Substring(0, 2) 'It Display Day
ex:"01"
            strOldMonth = Final.Substring(3, 2) 'It Display Month
ex:"01"
            strOldYear = Final.Substring(6, 4) 'It Display Year
ex:"2009"
            First = Final.Substring(0, 10) 'It Display startdate
from Registry

            RemainsDays =
DisplayApplicationStatus(DiffDate(strOldDay, strOldMonth, strOldYear),
mintTrialPeriod)
            mintSystem_UsedTrialDays = DiffDate(strOldDay,
strOldMonth, strOldYear)
            Dim todaydate As String
            todaydate = Format(Today, "dd/MM/yyyy")
            'it Comapairs the LastDate Stored in Registry with
Todaysdate
            If RemainsDays1 = 0 Then
                Return "Sorry,Your trial period is over!!Please
purchase this software."
            Else
                Dim LastMonth As String
                Dim CurrentMonth As String
                LastMonth = Last.Substring(3, 2)
                CurrentMonth = todaydate.Substring(3, 2)
                If LastMonth > CurrentMonth Then
                    If Last = todaydate Or First > todaydate Then
                        Return "Sorry,Your trial period is
over!!Please purchase this software."

                    Else
                        strReturn = GetLastAccessDateTime()
                        If strReturn <> "LogIn" Then
                            Return strReturn
                        Else
                            If RemainsDays1 = Nothing Then
                                Return "123Today is your last day
in your free trial period."
                            Else
                                Return "123You have " &
RemainsDays1 & " days remaining in your free trial period."
                            End If
                        End If
                    End If
                Else
                    If Last = todaydate Or Last < todaydate Or

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First > todaydate Then
    Return "Sorry,Your trial period is
over!!Please purchase this software."
Else
    strReturn = GetLastAccessDateTime()
    If strReturn <> "LogIn" Then
        Return strReturn
    Else
        If RemainsDays1 = Nothing Then
            Return "123Today is your last day
in your free trial period."
        Else
            Return "123You have " &
RemainsDays1 & " days remaining in your free trial period."
        End If
    End If
End If
End If
End If
Else
    Return "You have change some module,you are un-
authorised to use the application."
End If
End If
End Function

Public Function funcEncript_Date(ByVal mDate As String) As String
    'This function used to stored dates in the Encrypted Formate in
the Registry
    Dim intI As Integer = 0
    Dim mstrDate As String = ""
    Try
        For intI = 1 To Len(mDate)
            If Mid(Trim(mDate), intI, 1) = "1" Then
                mstrDate = mstrDate & ChrW(Asc(Mid(Trim(mDate),
intI, 1)) - 5)
            Else
                mstrDate = mstrDate & ChrW(Asc(Mid(Trim(mDate),
intI, 1)) - 10)
            End If
        Next
        If InStr(mstrDate, "'") <> 0 Then
            mstrDate = mstrDate & "'"
        End If
    Catch ex As Exception
    End Try
    Return mstrDate
End Function

Public Function funcDecrpt_Date(ByVal mDate As String) As String
    'This Decrypts the dates which is stored in the registry in
Encrypted Formate and used in the application
    Dim intI As Integer = 0
    Dim mstrDate As String = ""
    Try
        For intI = 1 To Len(mDate)
            If Mid(Trim(mDate), intI, 1) = "," Then

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        mstrDate = mstrDate & ChrW(Asc(Mid(Trim(mDate),
intI, 1)) + 5)
    Else
        mstrDate = mstrDate & ChrW(Asc(Mid(Trim(mDate),
intI, 1)) + 10)
    End If
Next
Catch ex As Exception
End Try
Return mstrDate
End Function

Public Function WriteValue(ByVal TrialPeriod As Integer) As Boolean
    'This Function Writes The value in thw registry
    Dim regKey As RegistryKey
    Dim SaveFirstAccessdate As String
    Try
        regKey =
Registry.LocalMachine.OpenSubKey("Software\AppSecurity", True)
        StartDate = Format(Today, "dd/MM/yyyy")
        LastDate = Format(Today.AddDays(TrialPeriod), "dd/MM/yyyy")
        FinalDate = funcEncript_Date(StartDate) & ";" &
funcEncript_Date(LastDate)
        regKey.SetValue("System_In", FinalDate) 'This write
StartDate and Lastdate In the Registry
        SaveFirstAccessdate = Format(Today, "dd/MM/yyyy") & ";" &
Format(TimeOfDay, "hh:mm:ss tt")
        regKey.SetValue("System_Used",
funcEncript_Date(SaveFirstAccessdate)) 'This write Last used system
DATE;TIME In the Registry
        regKey.SetValue("AppName", "AppSecurity") 'This write
Application Name in Registry
        regKey.Close()
        Return True
    Catch ex As Exception
        Return False
    End Try
End Function

Public Function GetLastAccessDateTime() As String
    'This function is used to get value from registry (Last used
DateTime)
    Try
        Dim regKey As RegistryKey
        regKey = Registry.LocalMachine.OpenSubKey("SOFTWARE", True)
        Dim LastAccess As String
        regKey =
Registry.LocalMachine.OpenSubKey("Software\AppSecurity", True)
        LastAccess = regKey.GetValue("System_Used") ',
funcDecrpt_Date(FinalDate))
        If LastAccess = "" Or LastAccess.Length <> "22" Then
            Return "You have change some module,you are un-
authorised to use the application."
        Else
            Dim TodayDate As String
            TodayDate = (Format(Today, "dd/MM/yyyy") & ";" &
Format(TimeOfDay, "hh:mm:ss tt"))
            If TodayDate < funcDecrpt_Date(LastAccess) Then

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        Return "You have change your system Date
manually,you are un-authorized to use the application."
    Else
        Return "LogIn"
    End If
End If
regKey.Close()
Catch ex As Exception
    Return ""
End Try
End Function
Public Sub SaveLastAceessDateTime()
    'this function used on the form exit ,to save Last Used System
DateTime
    Try
        Dim regKey As RegistryKey
        regKey = Registry.LocalMachine.OpenSubKey("SOFTWARE", True)
        Dim SaveLastAccessdate As String
        regKey =
Registry.LocalMachine.OpenSubKey("Software\AppSecurity", True)
        SaveLastAccessdate = Format(Today, "dd/MM/yyyy") & ";" &
Format(TimeOfDay, "hh:mm:ss tt")
        FinalDateTime = funcEncript_Date(SaveLastAccessdate)
        regKey.SetValue("System_Used", FinalDateTime)
        regKey.Close()
    Catch ex As Exception

    End Try
End Sub

Public Function DisplayApplicationStatus(ByVal pDaysSystem_Used As
Integer, ByVal pTotalDays As Integer) As String
    'Check if the author made the mistake of setting the trial
period days to less than 0
    If pTotalDays < 0 Then
        Return "An error has occurred! The author has alloted you a
trial period less than zero days, which is impossible. Please contact
the author and tell him/her of this error."
    End If

    'Check if the trial is expired
    If pDaysSystem_Used >= pTotalDays Then
        Return "Your trial has expired!"
    End If

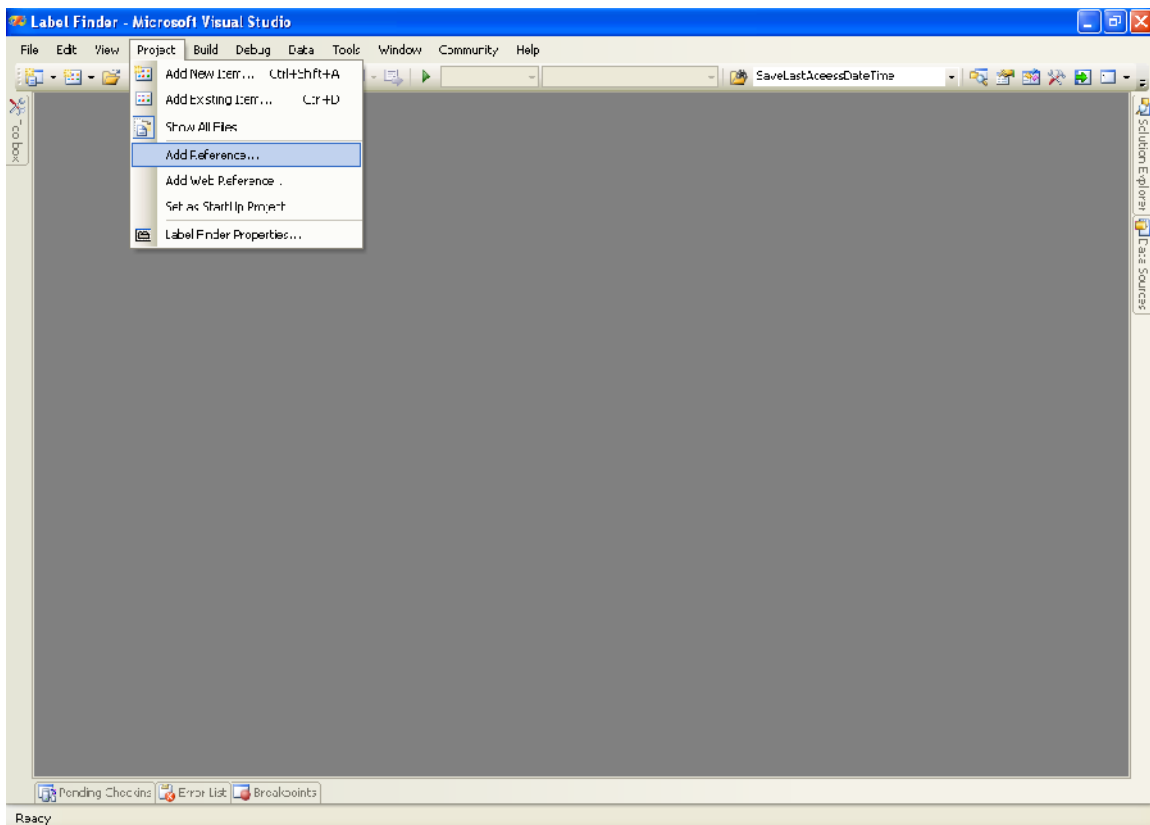
    'Draw the bar
    RemainsDays1 = pTotalDays - pDaysSystem_Used
    Return "You have " + (pTotalDays - pDaysSystem_Used).ToString +
" days remaining in your free trial period."
End Function

Public Function DiffDate(ByVal OrigDay As String, ByVal OrigMonth
As String, ByVal OrigYear As String) As Integer
    Try
        Dim D1 As Date = New Date(Convert.ToInt32(OrigYear),
Convert.ToInt32(OrigMonth), Convert.ToInt32(OrigDay))
        Return Convert.ToInt32(DateDiff(DateInterval.Day, D1,

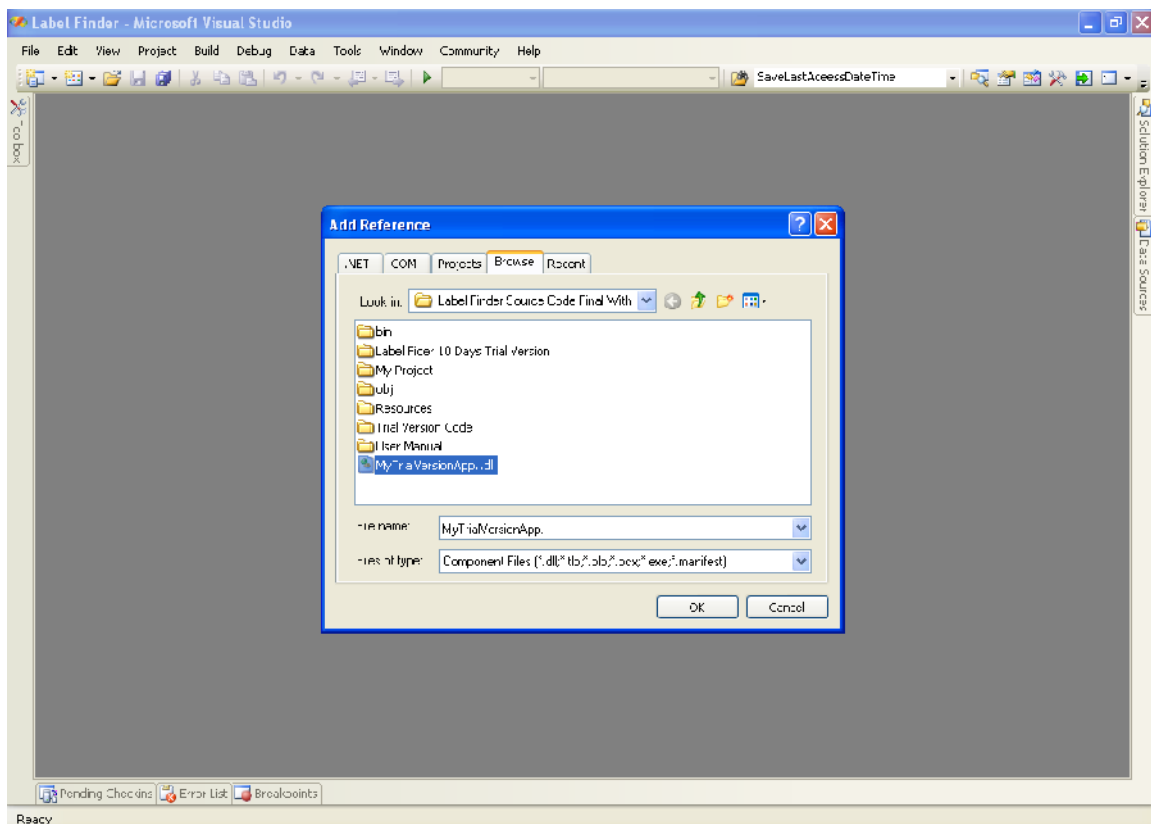
```

```
DateTime.Now))  
    Catch  
        Return 0  
    End Try  
End Function  
End Class
```

- After writing this code in the Class Library Application Save it And Run it.
- The DLL get created in the Bin Folder Of your Application.
- Copy it and Paste In your another application where you want to use it(i.e. 10 days trial version application you want to make)
- Open your another project → click on Project → Add reference

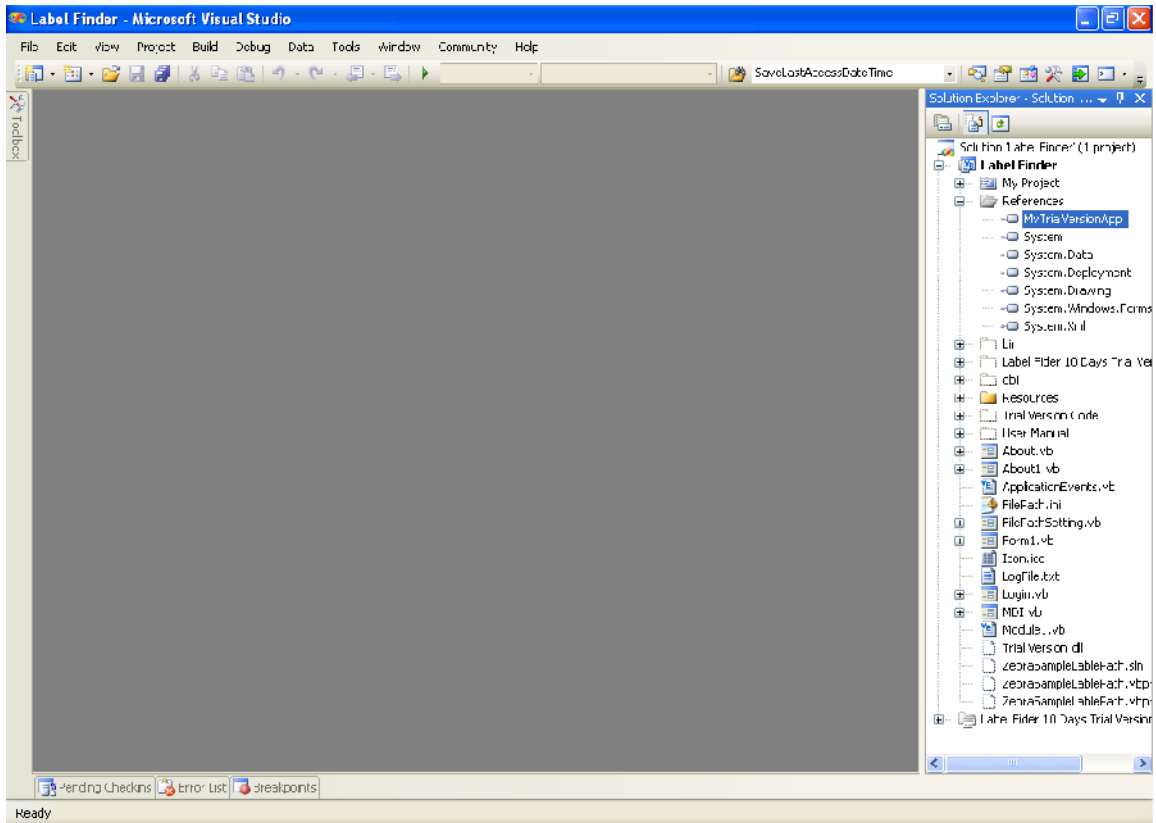


Browse your DLL Path and select it



Then click 'Ok' button, it will get added to your project.

To see it.....



Write the Following Code on this application

Write it on form Load Event:

```

Dim obj As New Trial_Version.RegistryTrial
    'The following code is used to operate Trial Version DLL
Dim str As String = obj.Regedit(10) 'no of trial days

If str = Nothing Then
    Me.Close()
Else
    If str.StartsWith("123") = True Then
        MsgBox(str.Substring(3), MsgBoxStyle.Information,
"Information")
        If Me.MdiChildren.Length > 0 Then
            Exit Sub
        End If
        Dim frm As New Login
        If frm.IsMdiChild = True Then
            frm.Focus()
        Else
            frm.Dispose()
        End If
    End If
End If

```



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        frm = New Login
        frm.MdiParent = Me
        Me.MenuStrip.Enabled = False
        frm.Show()
    End If
Else
    MsgBox(str, MsgBoxStyle.Critical, "Error")
    Me.Close()
End If
End If

```

Write following on close Button:

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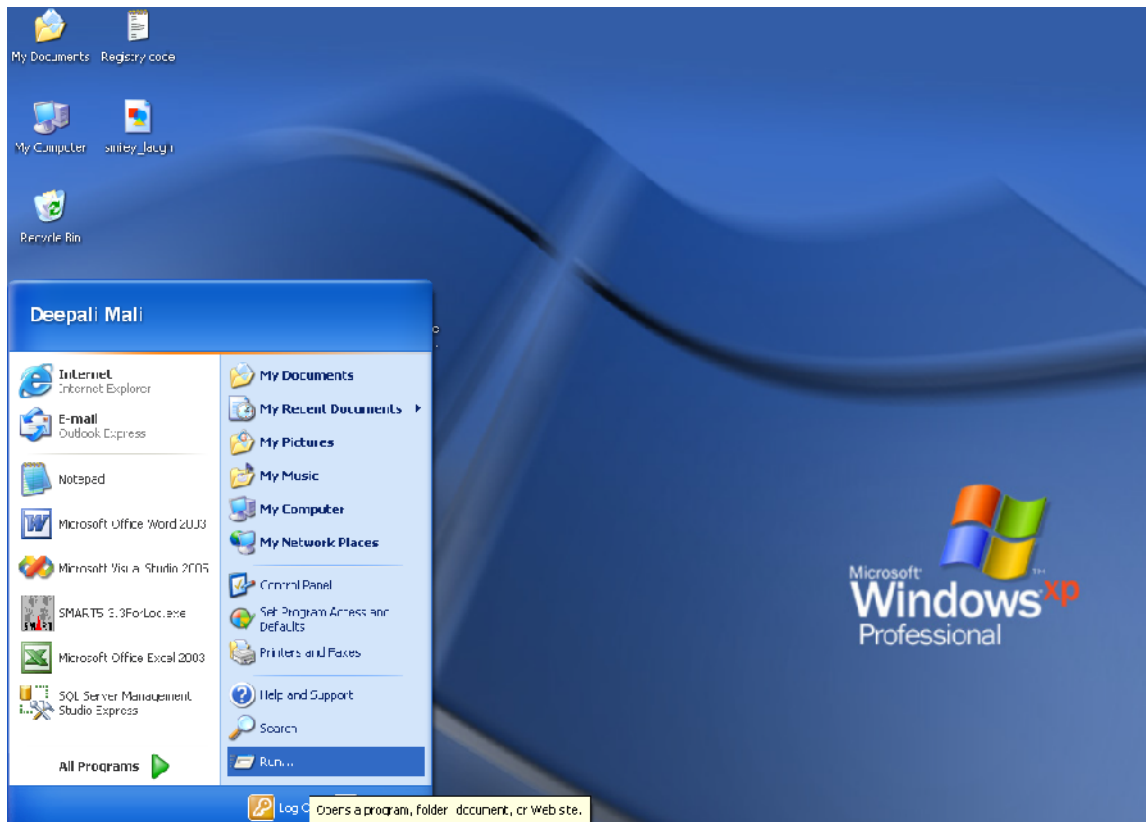
    If MessageBox.Show("Are you sure,you want to Exit application.",
"Exit", MessageBoxButtons.YesNo, MessageBoxIcon.Question) =
Windows.Forms.DialogResult.Yes Then
        Dim obj As New Trial_Version.RegistryTrial
        obj.SaveLastAccessDateTime()
        Me.Close()
    Else
        Me.Show()
    End If

```

To See your registry :

Click on Start → RUN and Type regEdit and press OK Buton...

Select (HKEY_LOCAL_MACHINE → SOFTWARE → AppSecurity)



See Your creation in it:

