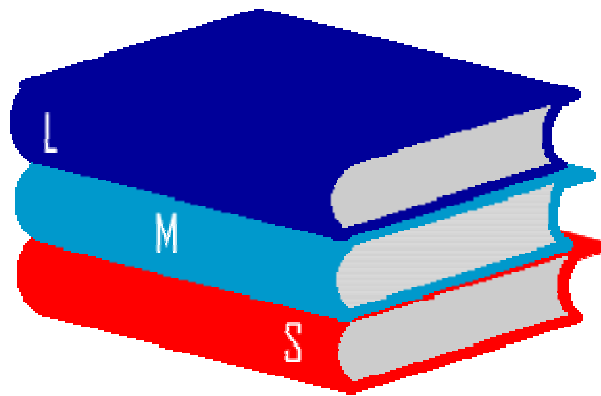


LIBRARY MANAGEMENT SYSTEM



BIMAL JEET KAUR

**IIIRD YEAR, 6TH SEMESTER
COMPUTER SCIENCE AND ENGINEERING
0215310008**

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CERTIFICATE

This is to certify that **Bimal Jeet Kaur**, student of **Skyline Institute of Engineering and Technology**, **Computer Science and Engineering** department, **6th Semester** has completed the project on **Library Management System** successfully under my supervision.

Mr. Sandeep Kumar

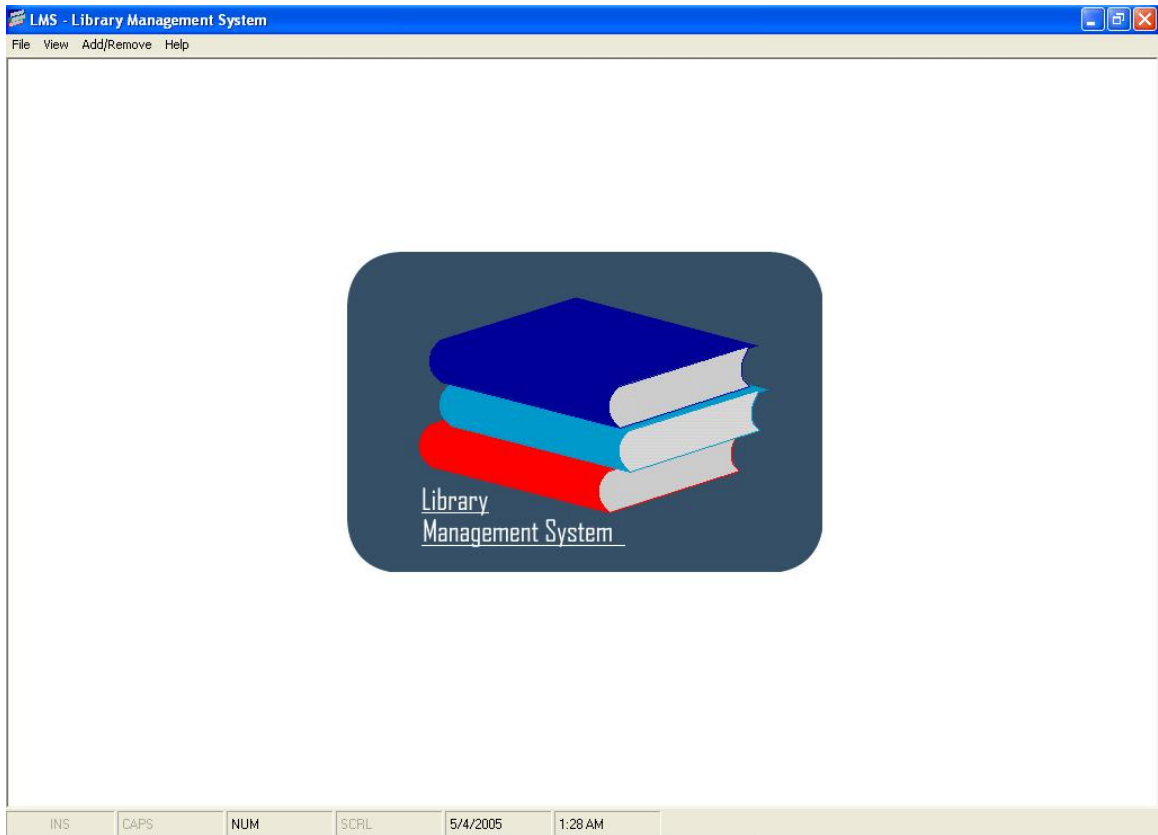
ACKNOWLEDGEMENT

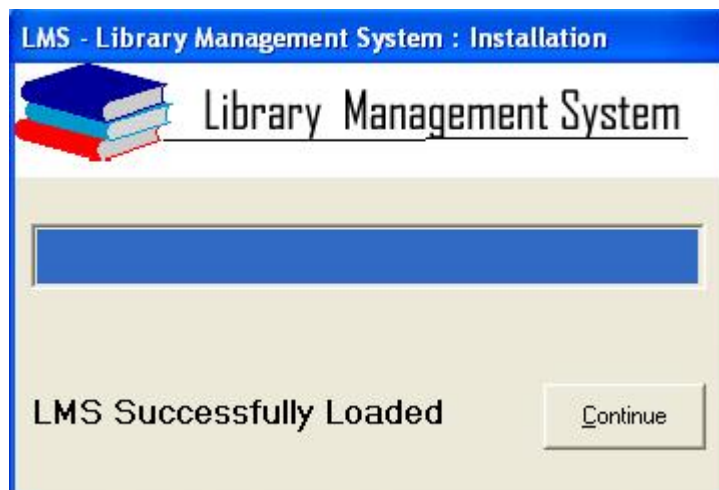
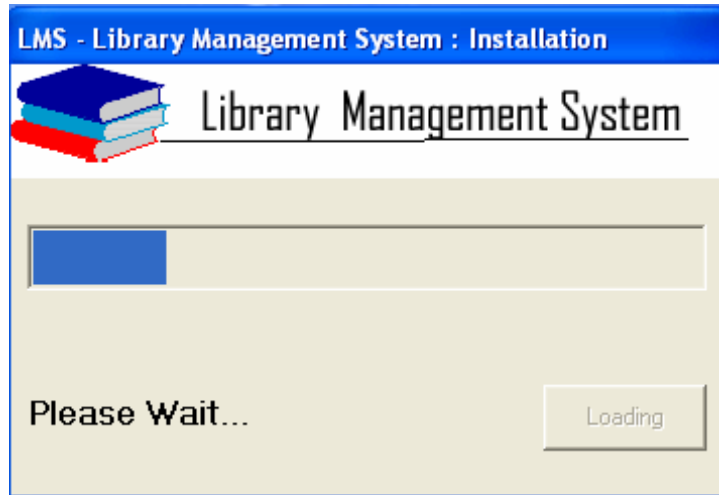
I am very thankful to all the members of Computer Science laboratory. All of them were extremely co-operative and helping, without them it would have not been possible for me to complete this project. They all have been very supporting in my work with their encouragement and criticism. I am deeply indebted to all of them and welcome this opportunity to benefit further from their contribution.

I pay my sincere thanks to **Mr. Sandeep kumar** (lecturer Computer Sc. and Engineering department.) for his priceless suggestions and providing our group the proper time-to-time guidance to complete our work.

And last, but not the least, I thank my group members who worked equally hard and strived for timely completion of the project which would have been impossible without their help. Our collective efforts kept us a float against all the odds.

Bimal Jeet Kaur

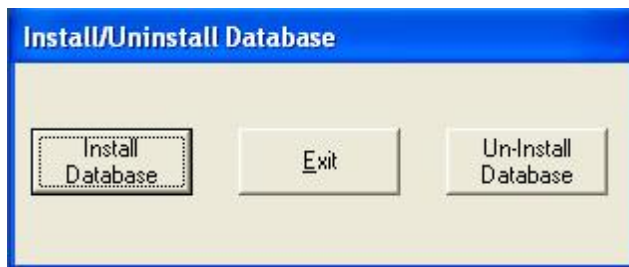




Login

User Name:

Password:



:: Browse >> Book Database ::

ISBN No. : 1154

Title : Computer Organisation

Author : Morris Mano

Roll No. : 12 Issue Status : ☒

Date of Issue : Thursday , 26 February 2004

First Previous Next Last

Edit Save Cancel Find Student Exit

<< Search Results >>

Roll No. : 12

Name : Gagan Bhalla

Course : B.Tech

Branch : C.S.E.

Close

:: Browse >> Student's Database ::

Roll No. :

Name :

Course :

Branch :

<< Search Results >>



ISBN No. :

Title :

Author :

Roll No. : Issue Status : ☒



Date of Issue :

 <:: Add Book ::> 

ISBN No. :

Book Title :

Author :



 <: Add Student :> 

Name :

Roll No. :

Course :

Branch :

 <:: Delete Book ::> 





ISBN No. :

Title :

Author :

Roll No. : Issue Status : ☒

Date of Issue :

  Select the Record you want to delete  

<:: Delete Student ::>

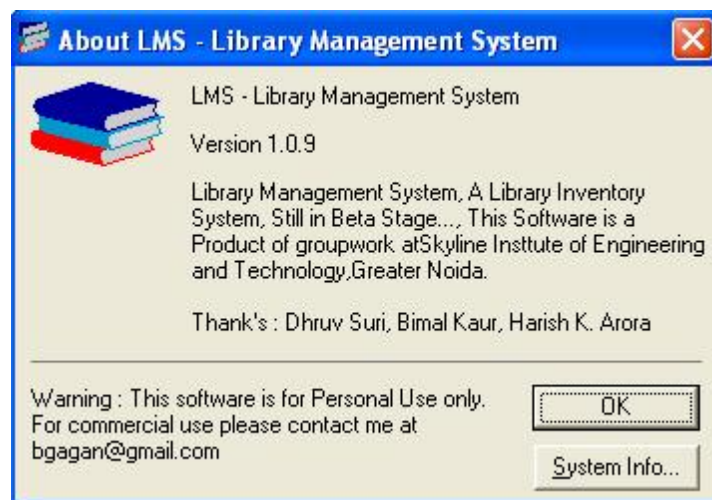
Roll No. :

Name :

Course :

Branch :

Select the Record you want to delete



```
Private Sub cmdCancel_Click()  
Unload Me  
End Sub
```

```
Private Sub cmdIn_Click()  
Call install_db  
End Sub
```

```
Private Sub cmdUn_Click()  
Call un_db  
End Sub
```



```
Private Sub cmdCancel_Click()  
    Adodc1.Recordset.CancelUpdate  
    Adodc1.Recordset.Cancel  
    Adodc1.Refresh  
    Call de_bkdb  
    Call save_bkdb  
End Sub
```

```
Private Sub cmdClose_Click()  
    Call hide_srch  
End Sub
```

```
Private Sub cmdEdit_Click()  
    cmdSave.Enabled = True  
    Call hide_srch  
    Call edit_bkdb  
    Call en_bkdb  
End Sub
```

```
Private Sub cmdExit_Click()  
    Unload Me  
End Sub
```

```
Private Sub cmdFirst_Click()  
    Adodc1.Recordset.MoveFirst  
End Sub
```

```
Private Sub cmdInfo_Click()  
    Call stuget_info  
End Sub
```

```
Private Sub cmdLast_Click()  
    Adodc1.Recordset.MoveLast  
End Sub
```

```
Private Sub cmdNext_Click()  
    'Move to next item - if at EOF, backup one item  
    Adodc1.Recordset.MoveNext  
    If Adodc1.Recordset.EOF Then  
        MsgBox "Last Record", vbInformation, "Record Browser"  
        Adodc1.Recordset.MovePrevious  
    End If  
End Sub
```

```
Private Sub cmdPrev_Click()  
    'Move to Prev item - If at BOF, backup one item  
    Adodc1.Recordset.MovePrevious  
    If Adodc1.Recordset.BOF Then  
        MsgBox "First Record", vbInformation, "Record Browser"
```

```
    Adodc1.Recordset.MoveNext
End If
End Sub
```

```
Private Sub cmdSave_Click()
    Dim flag As Boolean
    Call isdt_check(flag)
    If flag = True Then
        Exit Sub
    End If

    With Adodc1.Recordset
        .Fields("roll_no") = Me.Text5.Text & ""
        .Fields("issue_date") = Me.Check1.Value
    End With
    Adodc1.Recordset.Update
    Adodc1.Refresh
    Adodc1.Recordset.Update
    Adodc1.Refresh
    Call hide_srch
    Call save_bkdb
    Call de_bkdb
End Sub
```

```
Private Sub Form_Load()
    Adodc1.Recordset.Update
    Adodc1.Refresh
    Adodc1.Recordset.Update
    Adodc1.Refresh

    Call hide_srch
    With Adodc2
        .ConnectionString = "Provider=Microsoft.Jet.OLEDB.4.0;" & _
            "Data Source=C:\db_copy.mdb;Persist Security Info=False"
        .CursorLocation = adUseClient
        .CursorType = adOpenStatic
        .CommandType = adCmdText
        .RecordSource = "SELECT * from student"
        .Refresh
    End With

    cmdSave.Enabled = False
    Adodc1.Visible = False
    Adodc2.Visible = False
    cmdCancel.Enabled = False
    Call de_bkdb
End Sub
```

```
Private Sub cmdCancel_Click()  
    cmdSave.Enabled = False  
    Adodc1.Recordset.Cancel  
    Adodc1.Refresh  
    Call de_studb  
    Call save_studb  
End Sub
```

```
Private Sub cmdClose_Click()  
    Call hide_stusrch  
End Sub
```

```
Private Sub cmdEdit_Click()  
    cmdSave.Enabled = True  
    Call edit_studb  
    Call en_studb  
End Sub
```

```
Private Sub cmdExit_Click()  
    Unload Me  
End Sub
```

```
Private Sub cmdFirst_Click()  
    Adodc1.Recordset.MoveFirst  
End Sub
```

```
Private Sub cmdInfo_Click()  
    Call bkget_info  
End Sub
```

```
Private Sub cmdLast_Click()  
    Adodc1.Recordset.MoveLast  
End Sub
```

```
Private Sub cmdNext_Click()  
    'Move to next item - if at EOF, backup one item  
    Adodc1.Recordset.MoveNext  
    If Adodc1.Recordset.EOF Then  
        MsgBox "Last Record", vbInformation, "Record Browser"  
        Adodc1.Recordset.MovePrevious  
    End If  
    Text1.SetFocus  
End Sub
```

```
Private Sub cmdPrev_Click()  
    'Move to Prev item - If at BOF, backup one item  
    Adodc1.Recordset.MovePrevious  
    If Adodc1.Recordset.BOF Then  
        MsgBox "First Record", vbInformation, "Record Browser"
```

```
    Adodc1.Recordset.MoveNext
End If
Text1.SetFocus
End Sub
```

```
Private Sub Command5_Click()
    Call shw_stusrch
End Sub
```

```
Private Sub cmdSave_Click()
    On Error GoTo msg
    Adodc1.Recordset.Update
    Adodc1.Refresh
    Call save_studb
    Call de_studb
    Adodc1.Recordset.Update
    Adodc1.Refresh
    cmdSave.Enabled = False
msg:
    If Err.Number = 0 Then
        Exit Sub
    Else
        MsgBox "Error : " & Err.Number & Chr(10) & _
            Err.Description, vbExclamation, "UpDate Error"
    End If
End Sub
```

```
Private Sub Form_Load()
    Adodc1.Recordset.Update
    Adodc1.Refresh
    Adodc1.Recordset.Update
    Adodc1.Refresh

    Call hide_stusrch
    With Adodc2
        .ConnectionString = "Provider=Microsoft.Jet.OLEDB.4.0;" & _
            "Data Source=C:\db_copy.mdb;Persist Security Info=False"
        .CursorLocation = adUseClient
        .CursorType = adOpenStatic
        .CommandType = adCmdText
        .RecordSource = "SELECT * from book"
        .Refresh
    End With

    Adodc1.Visible = False
    Adodc2.Visible = False
    cmdSave.Enabled = False
    cmdCancel.Enabled = False
    Call de_studb
End Sub
```

```
Private Sub cmdAdd_Click()  
    cmdCancel.Enabled = True  
    cmdAdd.Enabled = False  
    Text1.Locked = False  
    Text2.Locked = False  
    Text3.Locked = False  
    Adodc1.Recordset.AddNew  
    Text1.SetFocus
```

```
End Sub
```

```
Private Sub cmdCancel_Click()  
    Adodc1.Recordset.Cancel  
    Adodc1.Refresh  
    cmdAdd.Enabled = True  
    Text1.Locked = True  
    Text2.Locked = True  
    Text3.Locked = True
```

```
End Sub
```

```
Private Sub cmdExit_Click()  
    Unload Me
```

```
End Sub
```

```
Private Sub cmdSave_Click()  
    On Error GoTo msg:  
    Adodc1.Recordset.Update  
    Adodc1.Refresh  
    cmdAdd.Enabled = True  
    cmdCancel.Enabled = False  
    Adodc1.Recordset.Update  
    Adodc1.Refresh  
msg:  
    If Err.Number = 0 Then  
        Exit Sub  
    Else  
        MsgBox "Error No >" & Err.Number & Chr(10) & Err.Description, vbExclamation, "Save Error"  
        'Debug.Print Err.Number  
        'Text1.Text = ""  
        Text1.SetFocus  
    End If
```

```
End Sub
```

```
Private Sub Form_Load()  
    Adodc1.Recordset.Update  
    Adodc1.Refresh  
    Adodc1.Recordset.Update  
    Adodc1.Refresh
```

```
    Adodc1.Visible = False
```

```
cmdCancel.Enabled = False
Text1.Locked = True
Text2.Locked = True
Text3.Locked = True
End Sub
```

```
Private Sub cmdAdd_Click()
    cmdCancel.Enabled = True
    cmdAdd.Enabled = False
    Text1.Locked = False
    Text2.Locked = False
    Text3.Locked = False
    Text4.Locked = False
    Adodc1.Recordset.AddNew
    Text1.SetFocus
End Sub
```

```
Private Sub cmdCancel_Click()
    Adodc1.Recordset.Cancel
    Adodc1.Refresh
    cmdAdd.Enabled = True
    Text1.Locked = True
    Text2.Locked = True
    Text3.Locked = True
    Text4.Locked = True
End Sub
```

```
Private Sub cmdExit_Click()
    Unload Me
End Sub
```

```
Private Sub cmdSave_Click()
    On Error GoTo msg:
    Adodc1.Recordset.Update
    Adodc1.Refresh
    cmdAdd.Enabled = True
    cmdCancel.Enabled = False
    Adodc1.Recordset.Update
    Adodc1.Refresh
msg:
    If Err.Number = 0 Then
        Exit Sub
    Else
        MsgBox "Error No >" & Err.Number & Chr(10) & Err.Description, vbExclamation, "Save Error"
        'Debug.Print Err.Number
        'Text1.Text = ""
        Text1.SetFocus
    End If
End Sub
```

```
Private Sub Form_Load()
    Adodc1.Recordset.Update
    Adodc1.Refresh
    Adodc1.Recordset.Update
    Adodc1.Refresh
```

```
Adodc1.Visible = False
cmdCancel.Enabled = False
Text1.Locked = True
Text2.Locked = True
Text3.Locked = True
Text4.Locked = True
End Sub
```

```
Private Sub cmdDelete_Click()
```

```
    Dim Rvalue
```

```
    Rvalue = MsgBox("Are you sure you want to delete this Record?", vbQuestion + vbYesNo,  
»"Delete Item")
```

```
    If Rvalue = vbNo Then
```

```
        Exit Sub
```

```
    End If
```

```
    Adodc1.Recordset.Delete
```

```
    Adodc1.Recordset.MoveNext
```

```
    If Adodc1.Recordset.EOF = True Then
```

```
        Adodc1.Refresh
```

```
        If Adodc1.Recordset.BOF = True Then
```

```
            MsgBox "You must add a record.", vbOKOnly + vbInformation, "Empty file"
```

```
        Else
```

```
            Adodc1.Recordset.MoveFirst
```

```
        End If
```

```
    End If
```

```
    Call stu_refresh
```

```
    Text1.SetFocus
```

```
End Sub
```

```
Private Sub cmdExit_Click()
```

```
    Unload Me
```

```
End Sub
```

```
Public Sub stu_refresh()
```

```
    Adodc1.Recordset.Update
```

```
    Adodc1.Refresh
```

```
    Adodc1.Recordset.Update
```

```
    Adodc1.Refresh
```

```
End Sub
```

```
Private Sub Form_Load()
```

```
    Text1.Locked = True
```

```
    Text2.Locked = True
```

```
    Text3.Locked = True
```

```
    Text4.Locked = True
```

```
    Text5.Locked = True
```

```
    Check1.Enabled = False
```

```
End Sub
```

Private Sub cmdDelete_Click()

```
    Dim Rvalue
    Rvalue = MsgBox("Are you sure you want to delete this Record?", vbQuestion + vbYesNo,
»"Delete Item")
    If Rvalue = vbNo Then
        Exit Sub
    End If
    Adodc1.Recordset.Delete
    Adodc1.Recordset.MoveNext
    If Adodc1.Recordset.EOF = True Then
        Adodc1.Refresh
        If Adodc1.Recordset.BOF = True Then
            MsgBox "You must add a record.", vbOKOnly + vbInformation, "Empty file"
        Else
            Adodc1.Recordset.MoveFirst
        End If
    End If
    Call stu_refresh
    Text1.SetFocus
```

End Sub

Private Sub cmdExit_Click()

```
    Unload Me
End Sub
```

Private Sub Form_Load()

```
    Text1.Locked = True
    Text2.Locked = True
    Text3.Locked = True
    Text4.Locked = True
End Sub
```

Public Sub stu_refresh()

```
    Adodc1.Recordset.Update
    Adodc1.Refresh
    Adodc1.Recordset.Update
    Adodc1.Refresh
End Sub
```

in_pic.frm

Form9

```
Private Sub Form_Load()  
    Dim wd As Integer, hd As Integer  
    wd = Me.Width  
    hd = Me.Height * 1.5  
    Me.Move (Screen.Width - wd) / 2, _  
            (Screen.Height - hd) / 2  
End Sub
```

frmAbout.frm frmAbout
Option Explicit

' Reg Key Security Options...

```
Const READ_CONTROL = &H20000
Const KEY_QUERY_VALUE = &H1
Const KEY_SET_VALUE = &H2
Const KEY_CREATE_SUB_KEY = &H4
Const KEY_ENUMERATE_SUB_KEYS = &H8
Const KEY_NOTIFY = &H10
Const KEY_CREATE_LINK = &H20
Const KEY_ALL_ACCESS = KEY_QUERY_VALUE + KEY_SET_VALUE + _
    KEY_CREATE_SUB_KEY + KEY_ENUMERATE_SUB_KEYS + _
    KEY_NOTIFY + KEY_CREATE_LINK + READ_CONTROL
```

' Reg Key ROOT Types...

```
Const HKEY_LOCAL_MACHINE = &H80000002
Const ERROR_SUCCESS = 0
Const REG_SZ = 1                    ' Unicode nul terminated string
Const REG_DWORD = 4                ' 32-bit number
```

```
Const gREGKEYSYSINFOLOC = "SOFTWARE\Microsoft\Shared Tools Location"
Const gREGVALSYSINFOLOC = "MSINFO"
Const gREGKEYSYSINFO = "SOFTWARE\Microsoft\Shared Tools\MSINFO"
Const gREGVALSYSINFO = "PATH"
```

```
Private Declare Function RegOpenKeyEx Lib "advapi32" Alias "RegOpenKeyExA" (ByVal hKey
As
»Long, ByVal lpSubKey As String, ByVal ulOptions As Long, ByVal samDesired As Long, ByRef
»phkResult As Long) As Long
Private Declare Function RegQueryValueEx Lib "advapi32" Alias "RegQueryValueExA" (ByVal
hKey
»As Long, ByVal lpValueName As String, ByVal lpReserved As Long, ByRef lpType As Long,
ByVal
»lpData As String, ByRef lpcbData As Long) As Long
Private Declare Function RegCloseKey Lib "advapi32" (ByVal hKey As Long) As Long
```

```
Private Sub cmdSysInfo_Click()
    Call StartSysInfo
End Sub
```

```
Private Sub cmdOK_Click()
    Unload Me
End Sub
```

```
Private Sub Form_Load()
    Me.Caption = "About " & App.Title
    lblVersion.Caption = "Version " & App.Major & "." & App.Minor & "." & App.Revision
    lblTitle.Caption = App.Title
    lblDescription.Caption = App.FileDescription & ", " _
        & " This Software is a Product of groupwork at" & _
```

```
"Skyline Institute of Engineering and Technology," & _  
"Greater Noida." & Chr(10) & Chr(10) & " Thank's : " & _  
"Dhruv Suri, Bimal Kaur, Harish K. Arora"
```

```
lblDisclaimer.Caption = "Warning : " & _  
App.Comments
```

End Sub

Public Sub StartSysInfo()

```
On Error GoTo SysInfoErr
```

```
Dim rc As Long
```

```
Dim SysInfoPath As String
```

```
' Try To Get System Info Program Path\Name From Registry...
```

```
If GetKeyValue(HKEY_LOCAL_MACHINE, gREGKEYSYSINFO, gREGVALSYSINFO,  
SysInfoPath) Then
```

```
' Try To Get System Info Program Path Only From Registry...
```

```
ElseIf GetKeyValue(HKEY_LOCAL_MACHINE, gREGKEYSYSINFOLOC,  
gREGVALSYSINFOLOC, SysInfoPath)
```

```
»Then
```

```
' Validate Existence Of Known 32 Bit File Version
```

```
If (Dir(SysInfoPath & "MSINFO32.EXE") <> "") Then
```

```
SysInfoPath = SysInfoPath & "MSINFO32.EXE"
```

```
' Error - File Can Not Be Found...
```

```
Else
```

```
GoTo SysInfoErr
```

```
End If
```

```
' Error - Registry Entry Can Not Be Found...
```

```
Else
```

```
GoTo SysInfoErr
```

```
End If
```

```
Call Shell(SysInfoPath, vbNormalFocus)
```

```
Exit Sub
```

```
SysInfoErr:
```

```
MsgBox "System Information Is Unavailable At This Time", vbOKOnly
```

End Sub

Public Function GetKeyValue(KeyRoot As Long, KeyName As String, SubKeyRef As String, ByRef

»KeyVal As String) As Boolean

```
Dim i As Long
```

```
' Loop Counter
```

```
Dim rc As Long
```

```
' Return Code
```

```
Dim hKey As Long
```

```
' Handle To An Open Registry Key
```

```
Dim hDepth As Long
```

```
'
```

```
Dim KeyValType As Long
```

```
' Data Type Of A Registry Key
```

```
Dim tmpVal As String
```

```
' Tempory Storage For A Registry
```

```
»Key Value
```

```
Dim KeyValSize As Long
```

```
' Size Of Registry Key Variable
```


frmLogin.frm

frmLogin

Option Explicit

Public LoginSucceeded As Boolean

Private Sub cmdCancel_Click()

'set the global var to false

'to denote a failed login

LoginSucceeded = False

Unload Me

End Sub

Private Sub cmdOK_Click()

'check for correct password

If txtPassword = "pass" And txtUserName.Text = "user" Then

'place code to here to pass the

'success to the calling sub

'setting a global var is the easiest

LoginSucceeded = True

'Shell App.Path & "ILMS.exe", vbMaximizedFocus

MDIForm1.Show

Unload Me

Else

MsgBox "Invalid Password, try again!", , "Login"

txtPassword.SetFocus

SendKeys "{Home}+{End}"

End If

End Sub

```
Private Sub about_Click()  
    frmAbout.Show  
End Sub
```

```
Private Sub bk_db_Click()  
    Form2.Show  
End Sub
```

```
Private Sub exit_Click()  
    End  
End Sub
```

```
Private Sub iu_db_Click()  
    Form1.Show  
End Sub
```

```
Private Sub MDIForm_Load()  
    Me.Caption = App.Title  
    Form9.Show  
End Sub
```

```
Private Sub nw_bk_Click()  
    Form4.Show  
End Sub
```

```
Private Sub nw_stu_Click()  
    Form5.Show  
End Sub
```

```
Private Sub rm_bk_Click()  
    Form6.Show  
End Sub
```

```
Private Sub rm_stu_Click()  
    Form7.Show  
End Sub
```

```
Private Sub s_db_Click()  
    Form3.Show  
End Sub
```



```
Option Explicit
Private strURL As String
Private intProgressBarMax As Integer
```

```
Private Sub cmdC_Click()
    frmLogin.Show
    Unload Me
End Sub
```

```
Private Sub Form_Load()
    'This is a built-in Property to avoid Multiple Instance
    If App.PrevInstance Then
        Unload Me
        Exit Sub
    End If
    'Continue with load code here
```

```
    cmdC.Enabled = False
    cmdC.Caption = "Loading"
    Label1.Caption = Chr(10) & "Please Wait..."
    intProgressBarMax = 100
    ConfigureBar ProgressBar1
    With Timer1
        .Enabled = False
        .Interval = 500
    End With
    ProgressBar1.Visible = True
    Timer1.Enabled = True
End Sub
```

```
Private Sub Timer1_Timer()
    Static counter As Integer
    ' Test the variable named counter. If it's less
    ' then the module variable intProgressBarMax then
    ' show the ProgressBar control.
    If counter = 25 Then
        Label1.Caption = Chr(10) & "Initializing" & _
            " Variables..."
    Else
        If counter = 50 Then
            Label1.Caption = Chr(10) & "Initializing" & _
                " Forms..."
        Else
            If counter = 75 Then
                Label1.Caption = Chr(10) & "Setting up" & _
                    " Environment..."
            End If
        End If
    End If
End Sub
```

```
'=====
If counter = intProgressBarMax Then
    Timer1.Enabled = False
    counter = 0
    Label1.Caption = Chr(10) & "LMS Successfully" & _
        " Loaded"
    cmdC.Caption = "&Continue"
    cmdC.Enabled = True
    'MsgBox "PAtH : " & App.Path
Else
    counter = counter + 5
    ProgressBar1.Value = counter
End If
End Sub
```

```
Private Sub ConfigureBar(prgBar As ProgressBar)
    With ProgressBar1
        .Max = intProgressBarMax
        .Visible = False
    End With
End Sub
```

'Option Explicit

```
Public Sub install_db()  
    On Error GoTo dis1  
    Set FileSystemObject = CreateObject("Scripting.FileSystemObject")  
    FileSystemObject.CopyFile (App.Path & "\db.mdb"), "c:\db_copy.mdb", False  
    MsgBox "Database Installed Successfully", vbInformation, "DataBase Installer"  
    Exit Sub  
dis1:  
    response = MsgBox("Database Already Exists!", vbExclamation, "DataBase Installer")  
    Exit Sub  
End Sub
```

```
Public Sub un_db()  
    On Error GoTo dis  
    Set fs = CreateObject("Scripting.Filesystemobject")  
    fs.DeleteFile ("c:\db_copy.mdb")  
    MsgBox "Database Un-Instaled Successfully", vbInformation, "DataBase Installer"  
    Exit Sub  
dis:  
    response = MsgBox("Error : " & Err.Description, vbCritical, "Database Installer")  
End Sub
```

```
Public Sub de_bkdb()  
    Form2.Text1.Locked = True  
    Form2.Text2.Locked = True  
    Form2.Text3.Locked = True  
    Form2.Text4.Enabled = False  
    Form2.Text5.Locked = True  
    Form2.Check1.Enabled = False  
End Sub
```

```
Public Sub en_bkdb()  
    Form2.Text1.Locked = False  
    Form2.Text2.Locked = False  
    Form2.Text3.Locked = False  
    Form2.Text4.Enabled = True  
    Form2.Text5.Locked = False  
    Form2.Check1.Enabled = True  
End Sub
```

```
Public Sub save_bkdb()  
    Form2.cmdEdit.Enabled = True  
    Form2.cmdInfo.Enabled = True  
    Form2.cmdExit.Enabled = True  
    Form2.cmdFirst.Enabled = True  
    Form2.cmdPrev.Enabled = True  
    Form2.cmdNext.Enabled = True  
    Form2.cmdLast.Enabled = True
```

```
Form2.cmdCancel.Enabled = False
End Sub
```

```
Public Sub edit_bkdb()
Form2.cmdEdit.Enabled = False
Form2.cmdInfo.Enabled = False
Form2.cmdExit.Enabled = False
Form2.cmdFirst.Enabled = False
Form2.cmdPrev.Enabled = False
Form2.cmdNext.Enabled = False
Form2.cmdLast.Enabled = False
Form2.cmdCancel.Enabled = True
End Sub
```

```
Public Sub stuget_info()
On Error GoTo msg
Dim sroll_no As String
'assigning Srch value
sroll_no = Form2.Text5.Text
Dim Srchflag As Boolean
Srchflag = False 'Initially Search is not found

With Form2.Adodc2
.RecordSource = "SELECT * from student where roll_no = " & sroll_no
.Refresh
With Form2.Adodc2.Recordset
If .EOF <> True Then
Call ssrch_res
'Form7.Show
Form2.Text7 = .Fields("stu_name") & " "
Form2.Text8 = .Fields("stu_course") & " "
Form2.Text9 = .Fields("stu_branch") & " "
Form2.Text6 = .Fields("roll_no") & " "
Srchflag = True
Exit Sub
End If

If Srchflag = False Then 'Display msg when search not found
MsgBox "Roll No. does not exists", vbInformation, "Search Result"
Form2.Text5.Text = ""
Form2.Text5.SetFocus
End If
End With
End With
msg:
If Err.Number = 0 Then
Exit Sub
Else
MsgBox "Error Number :> " & Err.Number & Chr(10) & Err.Description, vbExclamation,
»"Error Handler"
Form2.Text1.SetFocus
End If
```

End Sub

Public Sub ssrch_res()

Form2.Height = 7180

Form2.Shape1.Visible = True

Form2.Label7.Visible = True

Form2.Label8.Visible = True

Form2.Label9.Visible = True

Form2.Label10.Visible = True

Form2.Label11.Visible = True

Form2.Text6.Visible = True

Form2.Text7.Visible = True

Form2.Text8.Visible = True

Form2.Text9.Visible = True

End Sub

Public Sub hide_srch()

Form2.Height = 3980

Form2.Shape1.Visible = False

Form2.Label7.Visible = False

Form2.Label8.Visible = False

Form2.Label9.Visible = False

Form2.Label10.Visible = False

Form2.Label11.Visible = False

Form2.Text6.Visible = False

Form2.Text7.Visible = False

Form2.Text8.Visible = False

Form2.Text9.Visible = False

End Sub

Public Sub hide_stusrch()

Form3.Height = 3500

Form3.Shape1.Visible = False

Form3.Label7.Visible = False

Form3.Label8.Visible = False

Form3.Label9.Visible = False

Form3.Label10.Visible = False

Form3.Label11.Visible = False

Form3.Text5.Visible = False

Form3.Text6.Visible = False

Form3.Text7.Visible = False

Form3.Text8.Visible = False

Form3.Text9.Visible = False

Form3.Check1.Visible = False

End Sub

Public Sub shw_stusrch()

Form3.Height = 6700

Form3.Shape1.Visible = True

Form3.Label7.Visible = True

Form3.Label8.Visible = True

Form3.Label9.Visible = True

Form3.Label10.Visible = True

Form3.Label11.Visible = True

Form3.Text5.Visible = True

Form3.Text6.Visible = True

Form3.Text7.Visible = True

Form3.Text8.Visible = True

Form3.Text9.Visible = True

Form3.Check1.Visible = True

End Sub

Public Sub de_studb()

Form3.Text1.Locked = True

Form3.Text2.Locked = True

Form3.Text3.Locked = True

Form3.Text4.Locked = True

,

Form3.Text5.Locked = True

Form3.Text6.Locked = True

Form3.Text7.Locked = True

Form3.Text8.Locked = True

Form3.Text9.Locked = True

Form3.Check1.Enabled = False

End Sub

Public Sub en_studb()

Form3.Text1.Locked = False

Form3.Text2.Locked = False

Form3.Text3.Locked = False

Form3.Text4.Locked = False

End Sub

Public Sub save_studb()

Form3.cmdEdit.Enabled = True

Form3.cmdInfo.Enabled = True

Form3.cmdExit.Enabled = True

,

Form3.cmdFirst.Enabled = True

Form3.cmdPrev.Enabled = True

Form3.cmdNext.Enabled = True

Form3.cmdLast.Enabled = True

,

Form3.cmdCancel.Enabled = False

End Sub

```

Public Sub edit_studb()
    Form3.cmdEdit.Enabled = False
    Form3.cmdInfo.Enabled = False
    Form3.cmdExit.Enabled = False
    '
    Form3.cmdFirst.Enabled = False
    Form3.cmdPrev.Enabled = False
    Form3.cmdNext.Enabled = False
    Form3.cmdLast.Enabled = False
    '
    Form3.cmdCancel.Enabled = True
End Sub

```

```

Public Sub bkget_info()
    Dim scroll_no As String
    'assigning Srch value
    scroll_no = Form3.Text1.Text
    Dim Srchflag As Boolean
    Srchflag = False 'Initially Search is not found

    With Form3.Adodc2
        .RecordSource = "SELECT * from book where roll_no = " & scroll_no
        .Refresh
        With Form3.Adodc2.Recordset
            If .EOF <> True Then
                Call shw_stusrch
                Form3.Text5 = .Fields("isbn_no") & " "
                Form3.Text6 = .Fields("bk_name") & " "
                Form3.Text7 = .Fields("bk_author") & " "
                Form3.Text8 = .Fields("roll_no") & " "
                Form3.Text9 = .Fields("issue_date") & " "
                If .Fields(3) = True Then
                    Form3.Check1.Value = 1
                Else
                    Form3.Check1.Value = 0
                End If
                Srchflag = True
                Exit Sub
            End If

            If Srchflag = False Then 'Display msg when search not found
                MsgBox "Roll No > " & Form3.Text1.Text & " < don't have any book", vbInformation,
                »"Search Result"
                Form3.Text1.SetFocus
            End If
        End With
    End With
End Sub

```

nw_checks.bas

nw_chk

```
Public Sub check_roll()
    On Error GoTo msg
    If Form8.Text1.Text = "" Then
        MsgBox "Enter a Valid Roll No. ", vbExclamation, "Error Handler"
        Form8.Text1.SetFocus
    Else
        If Not IsNumeric(Form8.Text1.Text) Then
            MsgBox "Only Numeric Values allowed", vbExclamation
        End If
    End If
    '
    '=====
    '
    If Form8.Text2.Text = "" Then
        MsgBox "Enter a Valid ISBN No. ", vbExclamation, "Error Handler"
    Else
        If Not IsNumeric(Form8.Text2.Text) Then
            MsgBox "Only Numeric Values allowed", vbExclamation
        End If
    End If
msg:
    If Err.Number = 0 Then
        Exit Sub
    Else
        MsgBox "Error Number :> " & Err.Number & Chr(10) & Err.Description, vbExclamation,
    »"Error Handler"
    End If
End Sub
```

```
Public Sub isdt_check(flag As Boolean)
    flag = False
    On Error GoTo msg
    With Form2

        If (Not .Text5.Text = "" And .Check1.Value = 1) _
            Or (.Text5.Text = "" And .Check1.Value = 0) Then
            flag = False
        End If

        If (.Text5.Text = "" And .Check1.Value = 1) _
            Or (Not .Text5.Text = "" And .Check1.Value = 0) Then
            MsgBox "A book cannot be issued without a " & _
                "valid Roll No." & Chr(10) & Chr(10) & _
                "-OR-" & Chr(10) & _
                Chr(10) & _
                "Roll No. cannot be there if Book Status is " & _
                "Set to NOT-ISSUED" _
                , vbExclamation, "Issue Error"
            flag = True
        End If
    End With
msg:
End Sub
```


End If

'End If

'=====

If .Text1.Text = "" Or Not IsNumeric(.Text1.Text) Then

MsgBox "Enter a Valid ISBN No. " _

, vbExclamation, "Error Handler"

flag = True

End If

End With *' End of with Statement i.e. with Form2*

msg:

If Err.Number = 0 Then

Exit Sub

Else

MsgBox "Error Number :> " & Err.Number & Chr(10) & _

Err.Description, vbExclamation, "Error Handler"

flag = True

End If

End Sub

BIBLIOGRAPHY

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- **Visual Basic 6 Black Book**
- **Visual Basic – The Complete Reference**
- **Teach Yourself Visual Basic 6 in 24 Hours**