## Step 1

Open oracle and create a table

SQL>Create table library(bookno number(10),

Title varchar2(25),

Author varchar2(25),

Publisher varchar2(25),

Price number(10),

Copies number(10));

SQL> insert into library values(100,'c++','balagurusamy','tatamcgrawhill',250,10);

SQL> insert into library values(101,'java','balagurusamy','tatamcgrawhill',350,10); SQL>commit;

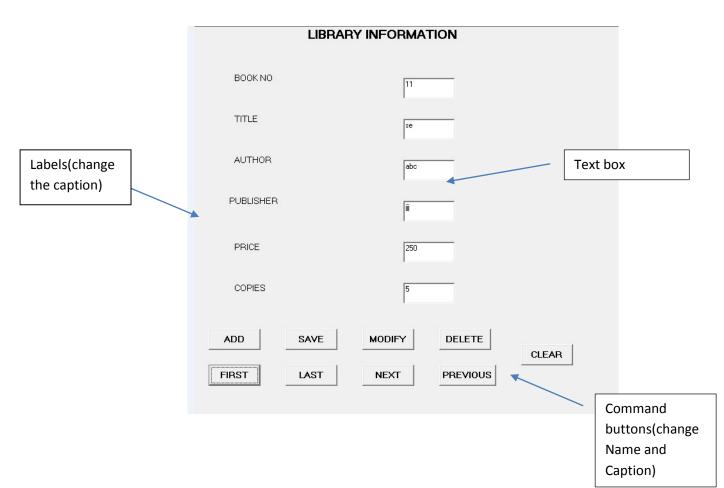
If null value error appears give the following sql command SQL>delete from library where bookno is null; SQL>commit;

## Step 2

Create DSN name

Go to Start->Control Panel->Performance and Maintenance->Administrative Tools->DataSources->Add->Microsoft ODBC for Orale-> DSN Name (type a name) User name –scott -> Fnish

Step 3
Open Visual Basic and create a form with the following controls



## Step 4

Go to Project Menu ->References-> Microsoft Activex Library 2.7(put Tick on the check box)

## Step 5

Type the following code in the Visual Basic Code window

Dim cn As ADODB.Connection Dim rs As ADODB.Recordset

Private Sub Form\_Load()

Me.WindowState = 2

Set cn = New ADODB.Connection

Set rs = New ADODB.Recordset

cn.Open "dsnname", "scott", "tiger"

rs.Open "select \* from libray", cn, adOpenDynamic, adLockOptimistic

**FILLLIST** 

List1.Visible = False

End Sub

Private Sub FILLLIST()

List1.Clear

rs.MoveFirst

Do While Not rs.EOF()

List1.AddItem (rs("bookno"))

rs.MoveNext

Loop

rs.MoveFirst

End Sub

Private Sub MOVEFIELDS()

Text1.Text = rs("bookno")

Text2.Text = rs("title")

Text3.Text = rs("author")

Text4.Text = rs("publisher")

Text5.Text = rs("price")

Text6.Text = rs("copies")

End Sub

Private Sub addnew\_click()

Text1.SetFocus

rs.AddNew

MsgBox "Adding Records"

End Sub

Private Sub delete\_click()

List1.Visible = True

conf = MsgBox("Do you want to delete this record?", vbYesNo)

If conf = vbYes Then

rs.Delete

MsgBox "Reccord Deleted"

End If

End Sub

Private Sub save\_click()
rs("bookno") = Text1.Text
rs("title") = Text2.Text
rs("author") = Text3.Text
rs("publisher") = Text4.Text
rs("price") = Text5.Text
rs("copies") = Text6.Text
rs.Update
MsgBox "Record Saved"
End Sub

Private Sub modify\_click()
List1.Visible = True
End Sub

Private Sub clear\_click()

Text1.Text = " "

Text2.Text = " "

Text3.Text = " "

Text4.Text = " "

Text5.Text = " "

Text6.Text = " "

End Sub

Private Sub first\_click()

rs.MoveFirst

**MOVEFIELDS** 

**End Sub** 

Private Sub last\_click() rs.MoveLast

. . . . . . . . . . . .

**MOVEFIELDS** 

End Sub

Private Sub next\_click()

rs.MoveNext

If rs.EOF() = True Then

MsgBox "This is the last record"

rs.MovePrevious

Else MOVEFIELDS End If End Sub

End Sub

End Sub

Private Sub previous\_click()
rs.MovePrevious
If rs.BOF() = True Then
MsgBox "This is the first record"
rs.MoveNext
Else
MOVEFIELDS
End If

Private Sub list1\_click()
Text1.Text = List1.Text
rs.MoveFirst
Do While Not rs.EOF()
If (Text1.Text = rs("bookno")) Then
MOVEFIELDS
Exit Sub
Else
rs.MoveNext
End If
Loop