HALDIA INSTITUTE OF TECHNOLOGY

A Project on

PAYROLL MANAGEMENT SYSTEM

BY

K R I S H N   A N A N D

1 2 / I T / 2 3

B.Tech

Information technology

University Roll No. :
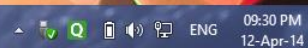10300212023

University Registration no. :
121030110149

Submitted To: Mrs M.Maity

Paper code: CS492

Paper name: Software Tools [Lab]

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Click Here to go to the Login Page

```
Private Sub Command1_Click()
    Form2.Show
    Unload Form1
End Sub
```

```
Private Sub Command2_Click()
    MsgBox "Email id: anand27krishn@gmail.com"
    MsgBox "Facebook: www.facebook.com/anand27krishn"
End Sub
```

Properties:

Form1 Form
(Name) : Form1
BackColor : &H8000000F&
Caption : Welcome Page (Form1)
Picture : (Bitmap)

Command1 CommandButton
(Name) : Command1
Caption : Click Here to go to the Login Page
Font : Times New Roman
Picture : (Bitmap)

Command2 CommandButton
(Name) : Command2
DownPicture : (Bitmap)
Picture : (Bitmap)
Style : 1 – Graphical

```
Private Sub Command1_Click()
    Form1.Show
    Unload Form2
End Sub
```

User Login
Username : student
Password : student

Admin Login
Username : admin
Password : admin

```
Private Sub Command2_Click()
    If (Text1.Text = "student" And Text2.Text = "student") Then
        Form3.Show
        Unload Form2
    Else
        Form2.Show
        Text1.Text = ""
        Text2.Text = ""
        MsgBox "Wrong Username or Password!"
    End If
End Sub
```

```
Private Sub Command3_Click()
    If (Text1.Text = "admin" And Text2.Text = "admin") Then
        Form4.Show
        Unload Form2
    Else
        Form2.Show
        Text1.Text = ""
        Text2.Text = ""
        MsgBox "Wrong Username or Password!"
    End If
End Sub
```

Properties:

Form2 Form
(Name) : Form2
BackColor : &H00FFFFFF&
Caption : Login

Command1 CommandButton
(Name) : Command1
Caption : << Back to Welcome Page
Font : Times New Roman

Command2 CommandButton
(Name) : Command2
Caption : User Login
Font : Times New Roman

Command3 CommandButton
(Name) : Command3
Caption : Admin Login
Font : Times New Roman

Text1 TextBox
(Name) : Text1
Alingnment : 0 – Left Justify
BackColor : &H8000000B&
Font : Times New Roman
ForeColor : &H80000008&
PasswordChar :

Text2 TextBox
(Name) : Text2
Alingnment : 0 – Left Justify
BackColor : &H8000000B&
Font : Times New Roman
ForeColor : &H80000008&
PasswordChar : *

Picture1 PictureBox
(Name) : Picture1
Picture : (Bitmap)

Dim cn As ADODB.Connection
Dim rs As ADODB.Recordset
Dim str As String
Dim str, s1, s2, s3, s4, s5, s6, s7 As String

```vb
Private Sub Command1_Click()
   If Option2.Value = True Then
      rs.Open str, cn, adOpenDynamic, adLockPessimistic
      Dim i As Integer
      i = 0
      While Not rs.EOF
         With rs
            If rs!Emp_Code = Text1.Text Or rs!Emp_Name = Text1.Text Then
               s1 = rs!Emp_Name
               s2 = rs!Emp_Code
               s3 = rs!Father_Name
               s4 = rs!Mother_Name
               s5 = rs!Bank_Name
               s6 = rs!Amt_Balance
               s7 = rs!Contact
               Text2.Text = s1
               Text5.Text = s2
               Text6.Text = s3
               Text7.Text = s4
               Text8.Text = s5
               Text9.Text = s6
               Text10.Text = s7
               i = 1
            End If
         End With
         rs.MoveNext
      Wend
```

```vb
If i = 0 Then
        Text2.Text = ""
        Text5.Text = ""
        Text6.Text = ""
        Text7.Text = ""
        Text8.Text = ""
        Text9.Text = ""
        Text10.Text = ""
        MsgBox "Record Not Found!!"
    End If
    rs.Close
 Else
    If Option3.Value = True Then
        Text2.Text = ""
        Text5.Text = ""
        Text6.Text = ""
        Text7.Text = ""
        Text8.Text = ""
        Text9.Text = ""
        Text10.Text = ""
        rs.Open str, cn, adOpenDynamic, adLockPessimistic
    Dim j As Integer
    While Not rs.EOF
      With rs
        If rs!Emp_Code = Text1.Text Or rs!Emp_Name = Text1.Text Then
           MsgBox "Gross Salary of " & rs!Emp_Name & " is " & rs!Amt_Balance
           j = 1
        End If
      End With
```

```vb
        rs.MoveNext
    Wend
    End If
    If j = 0 Then
        MsgBox "Record Not Found!!"
    End If
    rs.Close
  End If
End Sub
```

```vb
Private Sub Command2_Click()
    Form2.Show
    Unload Form3
End Sub
```

```vb
Private Sub Command3_Click()
    MsgBox "Email id: anand27krishn@gmail.com"
    MsgBox "Facebook: www.facebook.com/anand27krishn"
End Sub
```

```vb
Private Sub Form_Load()
    Set cn = New ADODB.Connection
    Set rs = New ADODB.Recordset
    str = "select * from mytable1"
    cn.Open "provider = Microsoft.jet.oledb.4.0; data source=F:\VB Project\Krishn\mydatabase1.mdb"
End Sub
```

Properties:

Form3 Form
(Name) : Form3
BackColor : &H80000005&
Caption : User Login

Command1 CommandButton
(Name) : Command1
BackColor : &H8000000F&
Caption : Click Here
Font : Times New Roman

Command2 CommandButton
(Name) : Command2
BackColor : &H8000000F&
Caption : << Back to Login Page
Font : Times New Roman

Command3 CommandButton
(Name) : Command3
Picture : (Bitmap)

Data1 Data
(Name) : Data1
BackColor : &H8000000B&
Caption : Employee's Record
DatabaseName : F:\VB Project\
Krishn\MYDATABASE1.MDB
Font : Times New Roman
ForeColor : &H00808080&
RecordSource : mytable1

Text2,5,6,7,8,9,10
Alingment : 0 – Left Justify
Locked : True

<< Back to Login Page

Please confirm your admin password!!!

6 4 0 5 0 9 - 0 4 0 1 4 7

*****

ENTER

```
Private Sub Command2_Click()
    Form2.Show
    Unload Form4
End Sub
```

Admin Login
Password : 12345

12/IT/23 | Krishn Anand

11

```
Private Sub Command1_Click()
    If Text1.Text = "12345" Then
        Form5.Show
        Unload Form4
    Else
        MsgBox "Wrong password!!!"
        Text1.Text = ""
    End If
End Sub
```

Properties:

Form4 Form
(Name) : Form4
Caption : Admin Password
            Confirmation
Picture : (Bitmap)

Command1 CommandButton
(Name) : Command1
Caption : ENTER
Font : Times New Roman

Command2 CommandButton
(Name) : Command2
Caption : << Back to Login Page
Font : Times New Roman

Text1 TextBox
(Name) : Text1
Alingnment : 2 - Center
BackColor : &H80000005&
DataFormat : Number
Font : Times New Roman
ForeColor : &H80000008&
PasswordChar :*

```
Dim cn As ADODB.Connection
Dim rs As ADODB.Recordset
Dim str, s1, s2, s3, s4, s5, s6, s7 As String
```

```
Private Sub Command1_Click()
    rs.Open str, cn, adOpenDynamic, adLockPessimistic
    Dim i As Integer
    i = 0
    While Not rs.EOF
        With rs
            If rs!Emp_Code = Text19.Text Or rs!Emp_Name = Text19.Text Then
                s1 = rs!Emp_Name
                s2 = rs!Emp_Code
                s3 = rs!Father_Name
                s4 = rs!Mother_Name
                s5 = rs!Bank_Name
                s6 = rs!Amt_Balance
                s7 = rs!Contact
                Text11.Text = s1
                Text10.Text = s2
                Text15.Text = s3
                Text16.Text = s4
                Text17.Text = s5
                Text18.Text = s6
                Text14.Text = s7
                i = 1
            End If
        End With
        rs.MoveNext
    Wend
```

```vb
If i = 0 Then
    Text11.Text = ""
    Text10.Text = ""
    Text15.Text = ""
    Text16.Text = ""
    Text17.Text = ""
    Text18.Text = ""
    Text14.Text = ""
    MsgBox "Record Not Found!!"
   End If
   rs.Close
End Sub
Private Sub Command2_Click()
   rs.Open str, cn, adOpenDynamic, adLockPessimistic
   Dim i As Integer
   i = 0
   While Not rs.EOF
      With rs
        If rs!Emp_Code = Text19.Text Then
           .Delete
           MsgBox "Record Found and Deleted"
           i = 1
        End If
      End With
      rs.MoveNext
   Wend
   If i = 0 Then MsgBox "Record Not Found!!"
   rs.Close
End Sub
```

```vb
Private Sub Command3_Click()
    rs.Open str, cn, adOpenDynamic, adLockPessimistic
    Dim j As Integer
    j = 0
    While Not rs.EOF
        With rs
            If rs!Emp_Code = Text19.Text Then
                MsgBox "Employee's Salary is is Rs " & rs!Amt_Balance
                i = 1
            End If
        End With
        rs.MoveNext
    Wend
    If i = 0 Then MsgBox "Record Not Found!!"
    rs.Close
End Sub
```

```vb
Private Sub Command5_Click()
    rs.Open str, cn, adOpenDynamic, adLockPessimistic
    Dim k As Integer
    k = 0
    While Not rs.EOF
        k = k + 1
    Wend
    rs.Close
    MsgBox "Total Number of Records in Database is " & k
End Sub
```

```
Private Sub Command6_Click()
    rs.Open str, cn, adOpenDynamic, adLockPessimistic
    While Not rs.EOF
        If rs!Emp_Code = Text1.Text Then
            MsgBox "Record with the same Employee Code is already in the database"
            GoTo OUTSIDE
        End If
        rs.MoveNext
    Wend
    rs.AddNew
    rs!Emp_Name = Text2.Text
    rs!Emp_Code = Text1.Text
    rs!Father_Name = Text6.Text
    rs!Mother_Name = Text7.Text
    rs!Bank_Name = Text8.Text
    rs!Amt_Balance = Text9.Text
    rs!Contact = Text5.Text
    rs.Update
    rs.Close
    Data1.Refresh
    MsgBox "Record Added Successfully"
OUTSIDE:
    Text2.Text = ""
    Text1.Text = ""
    Text6.Text = ""
    Text7.Text = ""
    Text8.Text = ""
    Text9.Text = ""
    Text5.Text = ""
End Sub
```

```
Private Sub Command7_Click()
    Form2.Show
    Unload Form5
End Sub
```

```
Private Sub Form_Load()
    Set cn = New ADODB.Connection
    Set rs = New ADODB.Recordset
    str = "select * from mytable1"
    cn.Open "provider = Microsoft.jet.oledb.4.0; data source=F:\VB Project\Krishn\mydatabase1.mdb"
End Sub
```

Properties:

Form5 Form
(Name) : Form5
BackColor : &H00FFFFFF&

Command1 CommandButton
(Name) : Command1
BackColor : &H0080C0FF&
Caption : Search Record
Font : Consolas
MaskColor : &H000080FF&
Style : 1 – Graphical

Command2 CommandButton
(Name) : Command2
BackColor : &H0080C0FF&
Caption : Delete Record
Font : Consolas
MaskColor : &H000080FF&
Style : 1 – Graphical

Command3 CommandButton
(Name) : Command3
BackColor : &H0080C0FF&
Caption : Calculate Salary
Font : Consolas
MaskColor : &H000080FF&
Style : 1 – Graphical

Command5 CommandButton
(Name) : Command5
BackColor : &H0080C0FF&
Caption : Find Total Number of Records
Font : Consolas
MaskColor : &H000080FF&
Style : 1 – Graphical

Command6 CommandButton
(Name) : Command6
BackColor : &H00404080&
Caption : ADD RECORD
Font : Consolas

Command7 CommandButton
(Name) : Command7
BackColor : &H00FFFFFF&
Caption : << Back to Login Page
Font : Consolas

Data1 Data
(Name) : Data1
BackColor : &H00E0E0E0&
Caption : Employee's Record
DatabaseName : F:\VB Project\Krishn\MYDATABASE1.MDB
RecordSource : mytable1

Data1 Data
(Name) : Data1
BackColor : &H00E0E0E0&
Caption : Employee's Record
DatabaseName : F:\VB Project\Krishn\MYDATABASE1.MDB
RecordSource : mytable1

Text10,11,14,15,16,17,18
Text
Locked : True

Text21 TextBox
(Name) : Text21
BackColor : &H0080FFFF&
DataField : Emp_Code
DataSource : Data1
Font : Consolas
ForeColor : &H80000008&
Locked : True

Text22 TextBox
(Name) : Text22
BackColor : &H0080FFFF&
DataField : Amt_Balance
DataSource : Data1
Font : Consolas
ForeColor : &H80000008&
Locked : True

Text20 TextBox
(Name) : Text20
DataField : Emp_Name
DataSource : Data1

Text13 TextBox
(Name) : Text13
DataField : Contact
DataSource : Data1

Text12 TextBox
(Name) : Text12
DataField : Father_Name
DataSource : Data1

Text4 TextBox
(Name) : Text4
DataField : Mother_Name
DataSource : Data1

Text3 TextBox
(Name) : Text3
DataField : Bank_Name
DataSource : Data1

Importing References required for working with database:

1.Click on Project → References...

2.Select "Microsoft ActiveX Data Objects 2.0 Library → Click OK
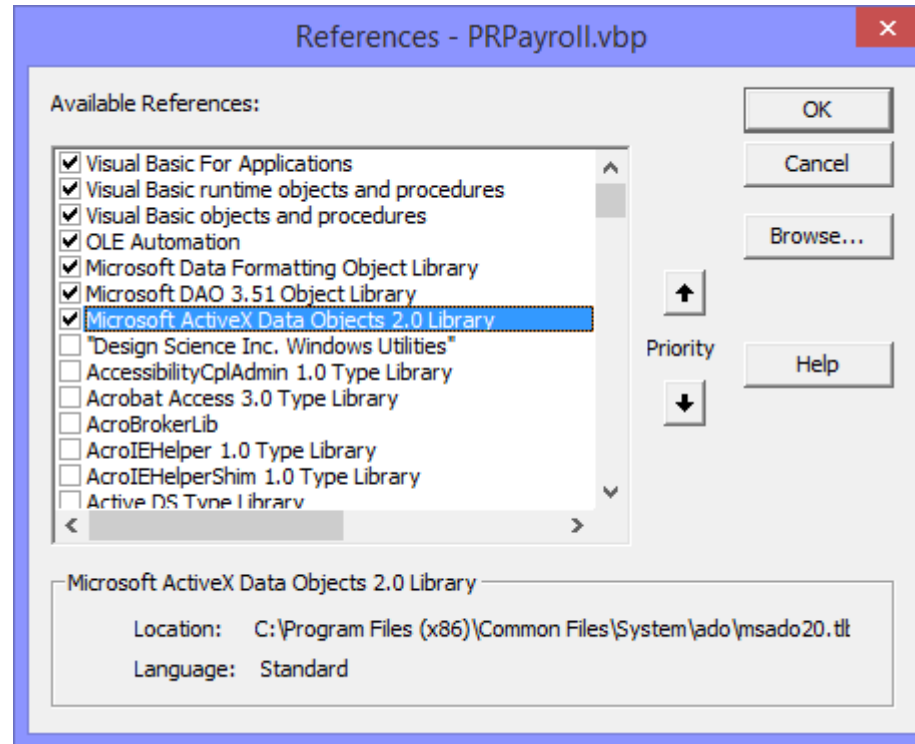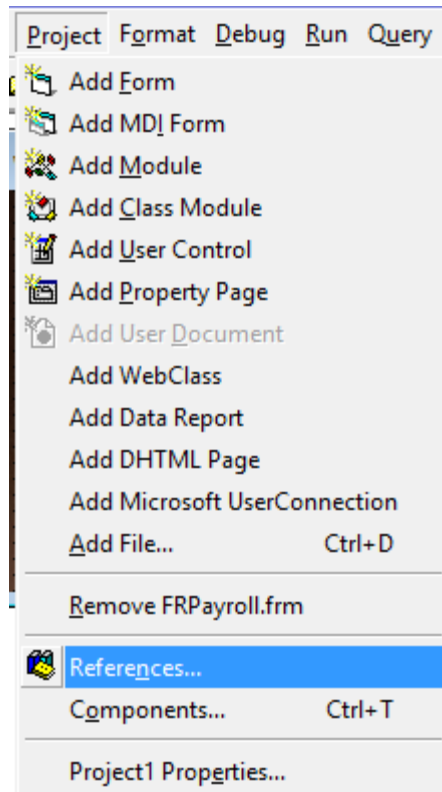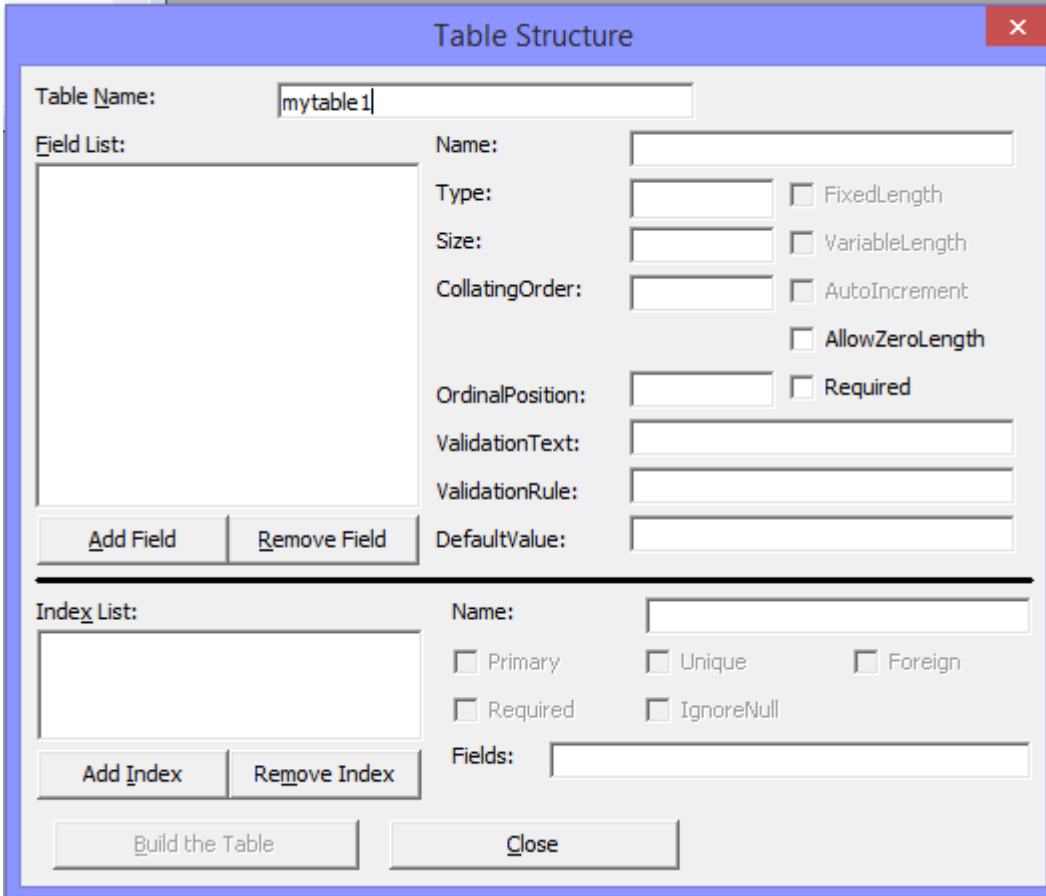
Creating Database And Creating Table:

1.Click on Add-Ins → Visual Data Manager

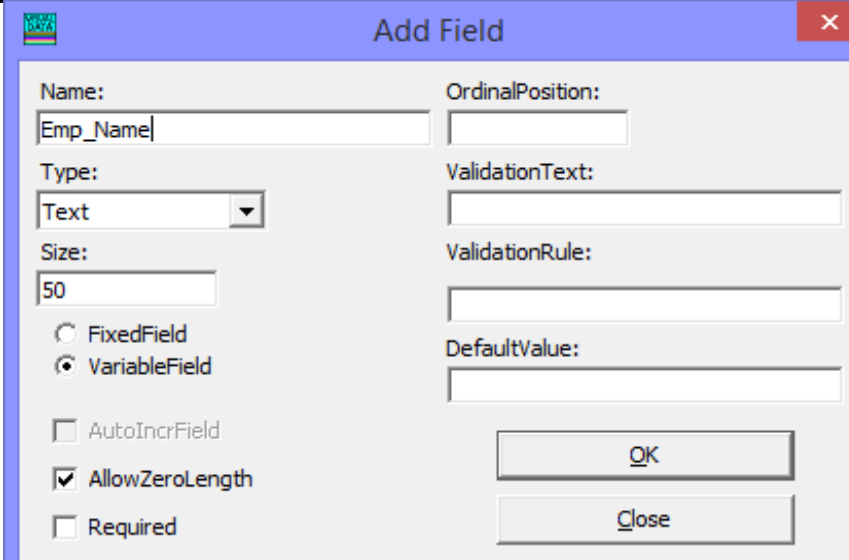2.Click File → New… → Microsoft Access → Version 2.0 MDB
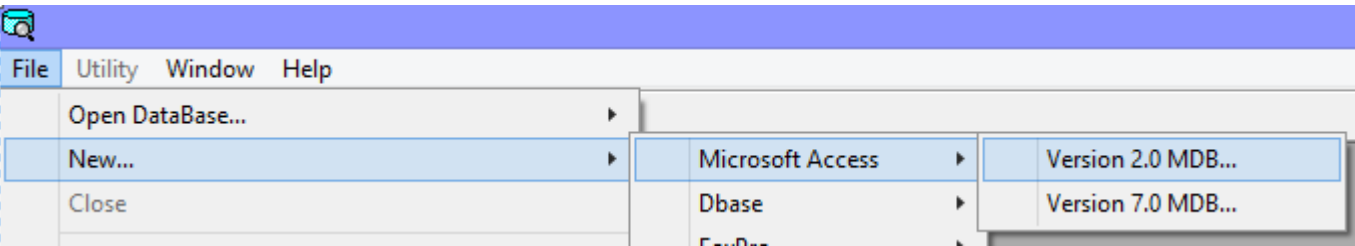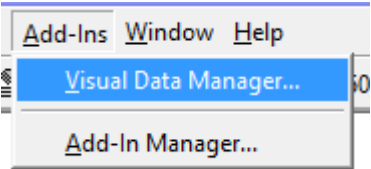
3.Give File Name and save it.

5.Give the Table Name
Next Click on Add Field
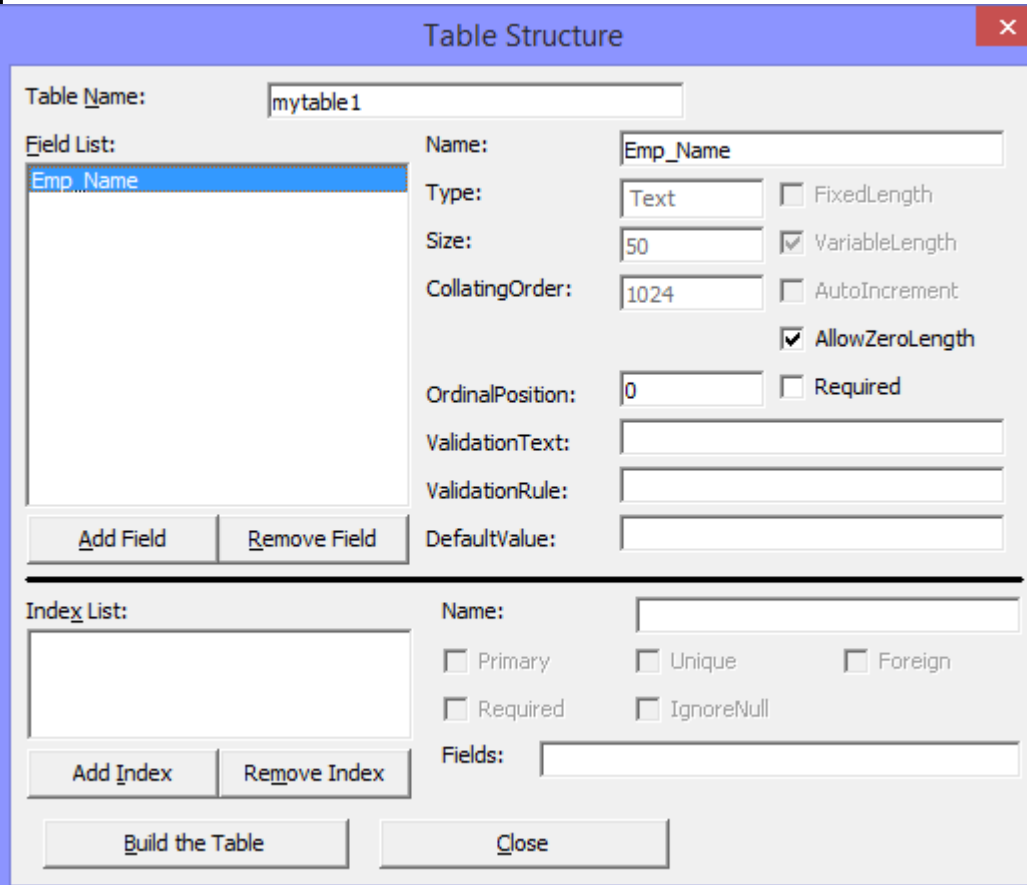
4.Right Click on Properties
and select New Table
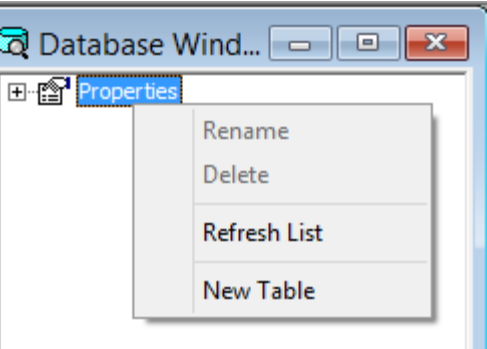
6. Give the Variable Name , Type, Size and other atrributes then Click on OK

Add Field

Name: `Emp_Name`

Type: `Text`

Size: `50`

○ FixedField
● VariableField

☐ AutoIncrField

☑ AllowZeroLength

☐ Required

OrdinalPosition:

ValidationText:

ValidationRule:

DefaultValue:

[OK]

[Close]

Table Structure

Table Name: `mytable1`

Field List:
`Emp_Name`

[Add Field] [Remove Field]

Name: `Emp_Name`
Type: `Text`   ☐ FixedLength
Size: `50`   ☑ VariableLength
CollatingOrder: `1024`   ☐ AutoIncrement
                ☑ AllowZeroLength
OrdinalPosition: `0`   ☐ Required
ValidationText:
ValidationRule:
DefaultValue:

Index List:

Name:
☐ Primary   ☐ Unique   ☐ Foreign
☐ Required   ☐ IgnoreNull
Fields:

[Add Index] [Remove Index]

[Build the Table] [Close]

7. Add multiple fields in the same manner by clicking on Add Field Button

8. Once the table is build, double click on the table name to open the following box.
You can Add, Edit, Delete etc with records.