1. Database program using join query

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Imports System.Data.OleDb

Public Class Form1

Dim cn As New OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;Data Source=D:\udhna college\sybca\empdept\empdept.mdb")

Dim cmd As New OleDbCommand

Dim adp As New OleDbDataAdapter("select Emp\_no,Ename,Salary,e.Dept\_no,Dname from dept d,emp e where d.dept\_no=e.dept\_no", cn)

Dim ds As New DataSet

Private Sub btn\_dept\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn\_dept.Click

Dim d As New dept

d.Show()

d.BringToFront()

End Sub

Private Sub btn\_emp\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn\_emp.Click

Dim em As New emp

em.Show()

em.BringToFront()

End Sub

Private Sub refersh\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles refersh.Click

Call ref()

End Sub

Private Sub Form1\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

Call ref()

End Sub

Sub ref()

ds.Tables.Clear()

adp.Fill(ds)

mixinfo.DataSource = ds.Tables(0)

End Sub

End Class

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Dim adp As New OleDbDataAdapter("select \* from dept", cn)

Dim ds As New DataSet

Dim rd As OleDbDataReader

Dim qry As String

Dim c As Integer

Dim n As Integer

Dim row As DataRow

Private Sub dept\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

Call ref()

End Sub

Sub ref()

cn.Open()

qry = "select \* from dept"

cmd = New OleDbCommand(qry, cn)

adp.SelectCommand = cmd

ds.Tables.Clear()

adp.Fill(ds)

deptinfo.DataSource = ds.Tables(0)

n = ds.Tables(0).Rows.Count

cn.Close()

dno.Text = ""

dname.Text = ""

End Sub

Private Sub insert\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles insert.Click

cn.Open()

qry = "insert into dept values(@dno,@dname)"

cmd = New OleDbCommand(qry, cn)

cmd.Parameters.AddWithValue("@dno", dno.Text)

cmd.Parameters.AddWithValue("@dname", dname.Text)

cmd.ExecuteNonQuery()

cn.Close()

MsgBox("Inserted Successfully")

Call ref()

End Sub

Private Sub update\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles update.Click

cn.Open()

qry = "update dept set Dname = @dname where Dept\_no = @dno"

cmd = New OleDbCommand(qry, cn)

cmd.Parameters.AddWithValue("@dname", dname.Text)

cmd.Parameters.AddWithValue("@dno", dno.Text)

cmd.ExecuteNonQuery()

cn.Close()

MsgBox("Update Successfully")

Call ref()

End Sub

Private Sub delete\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles delete.Click

cn.Open()

qry = "delete from dept where Dept\_no = @dno"

cmd = New OleDbCommand(qry, cn)

cmd.Parameters.AddWithValue("@dno", dno.Text)

cmd.ExecuteNonQuery()

cn.Close()

MsgBox("Delete Successfully")

Call ref()

End Sub

Private Sub search\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles search.Click

cn.Open()

qry = "select \* from dept where Dept\_no = " & dno.Text

cmd = New OleDbCommand(qry, cn)

Dim rd As OleDbDataReader

rd = cmd.ExecuteReader

rd.Read()

dno.Text = rd("Dept\_no")

dname.Text = rd("Dname")

cn.Close()

End Sub

Private Sub btn\_pre\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn\_pre.Click

If c = 0 Then

c = n - 1

Else

c = c - 1

End If

Call showdata()

End Sub

Private Sub btn\_next\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn\_next.Click

If c >= n - 1 Then

c = 0

Else

c = c + 1

End If

Call showdata()

End Sub

Private Sub btn\_f\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn\_f.Click

c = 0

Call showdata()

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

c = n - 1

Call showdata()

End Sub

Sub showdata()

cn.Open()

qry = "select \* from dept"

cmd = New OleDbCommand(qry, cn)

rd = cmd.ExecuteReader

rd.Read()

row = ds.Tables(0).Rows(c)

dno.Text = row("Dept\_no")

dname.Text = row("Dname")

cn.Close()

End Sub

End Class

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Imports System.Data.OleDb

Public Class emp

Dim cn As New OleDbConnection("Provider=Microsoft.Jet.OLEDB.4.0;Data Source=D:\udhna college\sybca\empdept\empdept.mdb")

Dim cmd As New OleDbCommand

Dim adp As New OleDbDataAdapter("select \* from emp", cn)

Dim ds As New DataSet

Dim rd As OleDbDataReader

Dim qry As String

Dim c As Integer

Dim n As Integer

Dim row As DataRow

Private Sub emp\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

cn.Open()

qry = "select \* from dept"

cmd = New OleDbCommand(qry, cn)

adp.SelectCommand = cmd

adp.Fill(ds)

dno.DataSource = ds.Tables(0)

dno.DisplayMember = "Dname"

dno.ValueMember = "Dept\_no"

cn.Close()

Call ref()

End Sub

Sub ref()

cn.Open()

qry = "select \* from emp e,dept d where e.Dept\_no=d.Dept\_no"

cmd = New OleDbCommand(qry, cn)

adp.SelectCommand = cmd

ds.Tables.Clear()

adp.Fill(ds)

deptinfo.DataSource = ds.Tables(0)

n = ds.Tables(0).Rows.Count

cn.Close()

eno.Text = ""

ename.Text = ""

esal.Text = ""

dno.Text = ""

End Sub

Private Sub insert\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles insert.Click

cn.Open()

qry = "insert into emp values(@eno,@ename,@esal,@dno)"

cmd = New OleDbCommand(qry, cn)

cmd.Parameters.AddWithValue("@eno", eno.Text)

cmd.Parameters.AddWithValue("@ename", ename.Text)

cmd.Parameters.AddWithValue("@esal", esal.Text)

cmd.Parameters.AddWithValue("@dno", dno.SelectedValue)

cmd.ExecuteNonQuery()

cn.Close()

MsgBox("Inserted Successfully")

Call ref()

End Sub

Private Sub update\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles update.Click

cn.Open()

qry = "update emp set Ename = @ename , Salary = @esal , Dept\_no = @dno where Emp\_no = @eno"

cmd = New OleDbCommand(qry, cn)

cmd.Parameters.AddWithValue("@ename", ename.Text)

cmd.Parameters.AddWithValue("@esal", esal.Text)

cmd.Parameters.AddWithValue("@dno", dno.SelectedValue)

cmd.Parameters.AddWithValue("@eno", eno.Text)

cmd.ExecuteNonQuery()

cn.Close()

MsgBox("Updated Successfully")

Call ref()

End Sub

Private Sub delete\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles delete.Click

cn.Open()

qry = "delete from emp where Emp\_no = @eno"

cmd = New OleDbCommand(qry, cn)

cmd.Parameters.AddWithValue("@eno", eno.Text)

cmd.ExecuteNonQuery()

cn.Close()

MsgBox("Deleted Successfully")

Call ref()

End Sub

Private Sub search\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles search.Click

cn.Open()

qry = "select \* from emp e,dept d where e.Dept\_no=d.Dept\_no and Emp\_no = " & eno.Text

cmd = New OleDbCommand(qry, cn)

rd = cmd.ExecuteReader

rd.Read()

eno.Text = rd("Emp\_no")

ename.Text = rd("Ename")

esal.Text = rd("Salary")

dno.Text = rd("Dname")

cn.Close()

End Sub

Private Sub btn\_pre\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btn\_pre.Click

If c = 0 Then

c = n - 1

Else

c = c - 1

End If

Call showdata()

End Sub