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Vb.Net Programming

Create a vb.net app to maintain employees information. Create following table
tblEmp(EmpNo, EmpName, Designation, Salary, DeptNo)
tblDept(DeptNo, DeptName, Salary). Design proper form and make necessary validation.
Provide insert, update, delete facility in above tables. Generate report in
DataGridView to view all Employees whose department is "Computer" and salary is
greater than 50,000.

The Interpretation is as below::

Form1.vb

Imports System.Data

Imports System.Data.SqlClient

Public Class Form1

Dim cn As New SqlConnection("Data Source=.\\SQLEXPRESS;AttachDbFilename=F:\\
practice 1\\2017ext\\2017ext\\Database1.mdf;Integrated Security=True;User
Instance=True")

Dim ds As New DataSet

Private Sub gridbind()

Dim da = New SqlDataAdapter("Select * from Emp", cn)

ds = New DataSet

da.Fill(ds, "Emp")

DataGridView1.DataSource = ds.Tables(0)

End Sub

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click

Dim cmd As New SqlCommand("Insert into Emp values
(@eno,@ename,@desig,@sal,@dno)", cn)

cmd.Parameters.AddWithValue("@eno", TextBox1.Text)

cmd.Parameters.AddWithValue("@ename", TextBox2.Text)

cmd.Parameters.AddWithValue("@desig", TextBox3.Text)

cmd.Parameters.AddWithValue("@sal", TextBox4.Text)

cmd.Parameters.AddWithValue("@dno", TextBox5.Text)

cn.Open()

cmd.ExecuteNonQuery()

cn.Close()

MsgBox("Inserted")

gridbind()

End Sub

Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load

gridbind()

End Sub

Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click

Dim cmd As New SqlCommand("Update Emp set
eno=@eno,ename=@ename,desig=@desig,sal=@sal,dno=@dno Where eno=@eno", cn)

cmd.Parameters.AddWithValue("@eno", TextBox1.Text)

cmd.Parameters.AddWithValue("@ename", TextBox2.Text)

cmd.Parameters.AddWithValue("@desig", TextBox3.Text)

cmd.Parameters.AddWithValue("@sal", TextBox4.Text)

cmd.Parameters.AddWithValue("@dno", TextBox5.Text)

cn.Open()

cmd.ExecuteNonQuery()

cn.Close()

MsgBox("Updated")

gridbind()

End Sub

```

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button3.Click
    Dim cmd As New SqlCommand("Delete from Emp where eno=@eno", cn)
    cmd.Parameters.AddWithValue("@eno", TextBox1.Text)
    cn.Open()
    cmd.ExecuteNonQuery()
    cn.Close()
    MsgBox("Deleted")
    gridbind()
End Sub

```

```

Private Sub Button4_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button4.Click
    TextBox1.Clear()
    TextBox2.Clear()
    TextBox3.Clear()
    TextBox4.Clear()
    TextBox5.Clear()
    TextBox6.Clear()
End Sub

```

```

Private Sub Button5_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button5.Click
    Form2.Show()
End Sub
End Class

```

Form2.vb

Imports System.Data

Imports System.Data.SqlClient

Public Class Form2

```

    Dim cn As New SqlConnection("Data Source=.\SQLEXPRESS;AttachDbFilename=F:\
practice 1\2017ext\2017ext\Database1.mdf;Integrated Security=True;User
Instance=True")

```

```

    Dim ds As New DataSet

```

```

    Dim da As New SqlDataAdapter

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Private Sub RadioButton1_CheckedChanged(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles RadioButton1.CheckedChanged
    da = New SqlDataAdapter("select * from Dept", cn)
    ds = New DataSet
    da.Fill(ds)
    DataGridView1.DataSource = ds.Tables(0)
End Sub

```

```

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
    Dim da = New SqlDataAdapter("select * from Dept where sal >= @sal1 and sal
<= @sal2", cn)
    da.SelectCommand.Parameters.AddWithValue("@sal1", TextBox1.Text)
    da.SelectCommand.Parameters.AddWithValue("@sal2", TextBox2.Text)
    ds = New DataSet
    da.Fill(ds)
    If ds.Tables(0).Rows.Count = 0 Then
        MsgBox("No Records..")
        ds.Clear()
    Else
        DataGridView1.DataSource = ds.Tables(0)
    End If
End Sub

```

```
        End If
    End Sub
End Class
```