DATABASE EXAMPLE


```vbnet
Imports System.Data.SqlClient
```

```vb
Public Class frmdata
    Dim cn As New SqlConnection("Data Source=.\SQLEXPRESS;Att

    Private Sub frmdata_Load(ByVal sender As System.Object, E
        cn.Open()
        GetData()
    End Sub

    Private Sub btnSave_Click(ByVal sender As System.Object,
        Dim cmd As New SqlCommand
        Dim query As String
        'Insert into stud values('abc','989898',25000)
        query = "insert into stud values('" & _
            txtname.Text & "','" & txtmobile.Text & _
            "'," & txtsalary.Text & ")"
        cmd.CommandText = query
        cmd.Connection = cn
        cmd.ExecuteNonQuery()
        MsgBox("Saved Successfully")
        cmd.Dispose()
        GetData()
    End Sub
```

Save Button Coding

```vb
Public Sub GetData()
    Dim cmd As New SqlCommand
    Dim query As String
    Dim ds As New DataSet
    Dim da As New SqlDataAdapter
    query = "Select * from Stud order by sname"
    cmd.Connection = cn
    cmd.CommandText = query
    da.SelectCommand = cmd
    da.Fill(ds)
    grd.DataSource = ds.Tables(0)
    ds.Dispose()
    da.Dispose()
    cmd.Dispose()

End Sub
```

This function is used to fill / show data in datagridview control

```vb
Private Sub btnGetRec_Click(ByVal sender As System.Object, ByVal e As
    Dim query As String
    Dim dr As SqlDataReader
    Dim cmd As New SqlCommand
    'query = "Select * from stud where sname='ABC'"
    query = "Select * from stud where sname='" & txtname.Text & "'"
    cmd.CommandText = query
    cmd.Connection = cn
    dr = cmd.ExecuteReader
    If dr.HasRows = True Then
        dr.Read()
        txtmobile.Text = dr.Item("mobileno").ToString
        txtsalary.Text = dr.Item("Salary").ToString
        txtNameTmp.Text = dr.Item("Sname").ToString
    Else
        ClearData()
        MsgBox("No Data Found")
    End If
    If dr.IsClosed = False Then
        dr.Close()
    End If
    cmd.Dispose()
End Sub
```

Get Record button coding

It is used to search data in database and show data on form

```vb
Private Sub ClearData()
    txtmobile.Clear()
    txtname.Clear()
    txtNameTmp.Clear()
    txtsalary.Clear()
End Sub
```

This function is used to clear textbox data of form

```vb
Private Sub btnupdate_Click(ByVal sender As System.Object, ByVal
    Dim cmd As New SqlCommand
    Dim query As String
    query = "Update stud Set Sname='" & _
        txtname.Text & "', Mobileno='" & txtmobile.Text & _
        "',Salary=" & txtsalary.Text & " where Sname='" & _
        txtNameTmp.Text & "'"
    cmd.CommandText = query
    cmd.Connection = cn
    cmd.ExecuteNonQuery()
    MsgBox("Update Successfully")
    cmd.Dispose()
    GetData()

End Sub
```

Update Button Coding

```vb
Private Sub btnDelete_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Hand
    Dim cmd As New SqlCommand
    Dim query As String
    If MsgBox("Are you sure?, Want to delete record!", vbYesNo + vbQuestion) = vbYes Then
        query = "Delete From stud where Sname='" & txtNameTmp.Text & "'"
        cmd.CommandText = query
        cmd.Connection = cn
        cmd.ExecuteNonQuery()
        MsgBox("Record Deleted Successfully")
        GetData()
    End If
    cmd.Dispose()
End Sub
```

Delete Button Coding