

**You should first: Imports System.Data.SqlClient**

INSERT CODE

```
Dim A As Integer
Dim connection As New SqlConnection _
    ("Data
Source=.\SQLEXPRESS;AttachDbFilename=|DataDirectory|\Database.mdf;Integrated
Security=True;User Instance=True")
Dim command As New SqlCommand _
    ("insert into student(name,id,email) values (' & TextBox1.Text & ',' &
TextBox2.Text & ',' & TextBox3.Text & ')", connection)
connection.Open()
If connection.State = Data.ConnectionState.Open Then
    Try
        A = command.ExecuteNonQuery()
        Label14.Text = A & " record(s) is added..."
        connection.Close()
    Catch ex As Exception
        Label14.Text = ex.Message
    End Try
End If
```

DELETE CODE

```
Dim A As Integer
Dim connection As New SqlConnection _
    ("Data
Source=.\SQLEXPRESS;AttachDbFilename=|DataDirectory|\Database.mdf;Integrated
Security=True;User Instance=True")
Dim command As New SqlCommand _
    ("delete from student where id= ' & TextBox2.Text & '", connection)
connection.Open()
If connection.State = Data.ConnectionState.Open Then
    Try
        A = command.ExecuteNonQuery()
        Label14.Text = A & " record(s) is deleted..."
        connection.Close()
    Catch ex As Exception
        Label14.Text = ex.Message
    End Try
End If
```

UPDATE CODE

```
Dim A As Integer
Dim connection As New SqlConnection _
    ("Data
Source=.\SQLEXPRESS;AttachDbFilename=|DataDirectory|\Database.mdf;Integrated
Security=True;User Instance=True")
Dim command As New SqlCommand _
    ("update student set name = ' & TextBox1.Text & ',' email= ' &
TextBox3.Text & ' where id= ' & TextBox2.Text & '", connection)
connection.Open()
If connection.State = Data.ConnectionState.Open Then

    Try
        A = command.ExecuteNonQuery()
        Label14.Text = A & " record(s) is updated..."
        connection.Close()
    Catch ex As Exception
        Label14.Text = ex.Message
    End Try
End If
```

SELECT CODE

```
Dim flag As Boolean = False
Dim Datareaderobj As SqlDataReader
```

```
Dim connection As New SqlConnection _
("Data Source =
.\SQLEXPRESS;AttachDbFilename=|DataDirectory|\Database.mdf;Integrated
Security=True;User Instance=True")
Dim command As New SqlCommand
("select * from student where id='" & TextBox2.Text & "' ", connection)
connection.Open()
If connection.State = Data.ConnectionState.Open Then
    Try
        Datareaderobj = command.ExecuteReader
        Do While Datareaderobj.Read
            flag = True
            TextBox2.Text = Datareaderobj.GetString(1)
            TextBox1.Text = Datareaderobj.GetString(0)
            TextBox3.Text = Datareaderobj.GetString(2)
        Loop
        connection.Close()
    Catch ex As Exception
        Label14.Text = ex.Message
    End Try
End If
If flag = False Then
    Label14.Text = "No Student with this ID"
End If
```