

Assignment-24

Q 1. Create vb.net application that maintains information of student in the following data table:

Student (id, name, course, DOB, address.)

Code: -

```
Imports System.Data.OleDb
Public Class Form1
    Dim conn As OleDbConnection
    Dim cmd As OleDbCommand
    Dim da As New OleDbDataAdapter
    Dim dt As New DataTable
    Public Sub retri_bca_data()
        cmd = New OleDbCommand("select * from table1 where Course='bca'", conn)
        da.SelectCommand = cmd
        dt.Clear()
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub
    Public Sub select_data()
        cmd = New OleDbCommand("select Id,Name,Course,DOB,Address from table1 ", conn)
        da.SelectCommand = cmd
        dt.Clear()
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub
    Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        conn = New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Users\rkd87\OneDrive\Desktop\Student_DB.accdb")
        conn.Open()
        select_data()
        conn.Close()
    End Sub
    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
        cmd = New OleDbCommand("insert into table1([Id],[Name],[Course],[DOB],[Address]) values(" & TextBox1.Text & ", " & TextBox2.Text & ", " & TextBox3.Text & ", " & DateTimePicker1.Text & ", " & TextBox4.Text & ")" , conn)
        conn.Open()
        cmd.ExecuteNonQuery()
        conn.Close()
        select_data()
        MsgBox("Record inserted successfully.")
    End Sub
```

```

Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
Button2.Click
    cmd = New OleDbCommand("update table1 set Name=" & TextBox2.Text & ",Course=" &
TextBox3.Text & ",DOB=" & DateTimePicker1.Text & ",Address=" & TextBox4.Text & " where id="
& TextBox1.Text & "", conn)
    conn.Open()
    cmd.ExecuteNonQuery()
    conn.Close()
    select_data()
    MsgBox("Record updated successfully.")
End Sub

```

```

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
Button3.Click
    cmd = New OleDbCommand("delete * from table1 where Id=" & TextBox1.Text & "", conn)
    conn.Open()
    cmd.ExecuteNonQuery()
    conn.Close()
    select_data()
    MsgBox("record deleted successfully.")
End Sub

```

```

Private Sub Button5_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
Button5.Click
    TextBox1.Clear()
    TextBox2.Clear()
    TextBox3.Clear()
    TextBox4.Clear()
End Sub

```

```

Private Sub Button4_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
Button4.Click
    conn.Open()
    retri_bca_data()
    conn.Close()
End Sub

```

```

Private Sub Button6_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
Button6.Click
    select_data()
End Sub
End Class

```

Output: -

Form1

Mansi prasad

Student data

Student database

ID :

Name :

Course :

DOB :

Address :

	Id	Name	Course	DOB	Address
▶	1	Mansi	bca	21-02-2024	vapi
	2	Mohit	bsc	07-02-2024	vapi
	3	Mitanshi	bcom	06-02-2024	Valsad
	4	Shrishti	bca	22-02-2024	Surat
*					

Form1

Mansi prasad

Student data

Student database

ID :

Name :

Course :

DOB :

Address :

	Id	Name	Course	DOB	Address
▶	1	Mansi	bca	21-02-2024	vapi
	2	Mohit	bsc	07-02-2024	vapi
	3	Mitanshi	bcom	06-02-2024	Valsad
*					

Mansi Prasad.

Form1

Mansi prasad

Student data

Student database

ID :

Name :

Course :

DOB :

Address :

	Id	Name	Course	DOB	Address
▶	1	Mansi	bca	05-02-2024	Surat
	2	Mohit	bsc	07-02-2024	vapi
	3	Mitanshi	bcom	06-02-2024	Valsad
	4	Shrishti	bca	22-02-2024	Surat
*					

Form1

Mansi prasad

Student data

Student database

ID :

Name :

Course :

DOB :

Address :

	Id	Name	Course	DOB	Address
▶	1	Mansi	bca	05-02-2024	Surat
	4	Shrishti	bca	22-02-2024	Surat
*					

Form1

Mansi prasad

Student data

Student database

ID :

Name :

Course :

DOB :

Address :

	Id	Name	Course	DOB	Address
▶	1	Mansi	bca	05-02-2024	Surat
	2	Mohit	bsc	07-02-2024	vapi
	4	Shrishti	bca	22-02-2024	Surat
*					

Form1

Mansi prasad

Student data

Student database

ID :

Name :

Course :

DOB :

Address :

	Id	Name	Course	DOB	Address
▶	1	Mansi	bca	05-02-2024	Surat
	2	Mohit	bsc	07-02-2024	vapi
	4	Shrishti	bca	22-02-2024	Surat
*					

Mansi Prasad.