

Assignment-25

Q 1. Create vb.net application that maintain the cricket players records with the following database table:

Players (Name, Country, No. of matches, No. of runs)

Perform insert, update and delete operations on the table and also, display the players information according to country wise.

Code: -

Imports System.Data.OleDb

Public Class Form1

Dim conn As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Users\rkd87\OneDrive\Desktop\Players.accdb")

Dim cmd As New OleDbCommand

Dim da As New OleDbDataAdapter

Dim dt As New DataTable

Public Sub asc_data()

cmd = New OleDbCommand("select * from table1 where Country ORDER BY Country asc", conn)

da.SelectCommand = cmd

dt.Clear()

da.Fill(dt)

DataGridView1.DataSource = dt

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 values('" & TextBox1.Text & "','" & TextBox2.Text & "','" & TextBox3.Text & "','" & TextBox4.Text & "')", conn)

conn.Open()

cmd.ExecuteNonQuery()

conn.Close()

asc_data()

End Sub

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

conn.Open()

conn.Close()

asc_data()

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='" & TextBox1.Text & "',country='" & TextBox2.Text & "',No_of_matches=" & TextBox3.Text & ",No_of_runs=" & TextBox4.Text & " where Name='" & TextBox1.Text & "'", conn)

conn.Open()

cmd.ExecuteNonQuery()

conn.Close()

asc_data()

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 Name='" & TextBox1.Text & "'", conn)
    conn.Open()
    cmd.ExecuteNonQuery()
    conn.Close()
    asc_data()
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 DataGridView1_CellClick(ByVal sender As Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles DataGridView1.CellClick
    TextBox1.Text = DataGridView1.SelectedCells(0).Value.ToString
    TextBox2.Text = DataGridView1.SelectedCells(1).Value.ToString
    TextBox3.Text = DataGridView1.SelectedCells(2).Value.ToString
    TextBox4.Text = DataGridView1.SelectedCells(3).Value.ToString
End Sub
Public Sub retri_country()
    cmd = New OleDbCommand("select * from table1 where Country='" & TextBox2.Text & "'",
conn)
    da.SelectCommand = cmd
    dt.Clear()
    da.Fill(dt)
    DataGridView1.DataSource = dt
End Sub
```

```
Private Sub Button4_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
Button4.Click
    asc_data()
End Sub
```

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

Output: -

The screenshot shows a Windows application window titled "Form1" with a standard Windows title bar (minimize, maximize, close buttons). The window contains a label "Mansi prasad" at the top left. Below it is a "GroupBox1" containing a "Label2". The form has five text input fields: "Name :" with the value "Manish", "Country :" with the value "USA", "No of matches :" with the value "24", and "No of runs :" with the value "452". Below these fields are four buttons: "Insert", "Update", "Delete", and "Show". Below the buttons are two more buttons: "Clear" and "View". At the bottom of the form is a label "Enter country name to display data :" followed by a text input field. To the right of the form is a table with the following data:

	Name	Country	No_of_matches	No_of_runs
▶	sidd	india	130	567
	Manish	USA	24	452
*				

This screenshot shows the same application window "Form1" but with all the text input fields in the form empty. The buttons and the table remain the same as in the previous screenshot. The table data is:

	Name	Country	No_of_matches	No_of_runs
▶	sidd	india	130	567
	Manish	USA	24	452
*				

Mansi prasad.

Form1

Mansi prasad

GroupBox1

Label2

Name :

Country :

No of matches :

No of runs :

Enter country name to display data :

	Name	Country	No_of_matches	No_of_runs
►	Manish	Bangladesh	30	800
	sidd	india	130	567
*				

Form1

Mansi prasad

GroupBox1

Label2

Name :

Country :

No of matches :

No of runs :

Enter country name to display data :

	Name	Country	No_of_matches	No_of_runs
►	sidd	india	130	567
	Nitesh	India	34	670
*				