

PROCEDURE :

Step 1: Install VB.

Step 2: Open and create a new form, customize your form with the required '**Label**', '**Text Box**', '**Button**', and "**ADODC**".

Step 3: ADODC → Right-click on the general tab, Select "**COMPONENT**", Select "**MICROSOFT ADO - Data Control 6.0 (OLEDB)**".

Step 4: Select **ADODC**, which is newly added on your General Tab, Place that stuff in your Form.

Step 5: Click "**ADD-INS**" available on the Toolbar, Select "**Visual Data Manager**". On the Visual Data Manager tab, click **File** → **New** → **Microsoft Access** → **Version 7.0 MDB...**

Step 6: Create a File and save it. Automatically, the pop-up tab named "**Database Window**" will appear. Right-click the "**Properties**", Select New Table → Enter the Table Name → Click The "**AddField**" Button. In the AddField Window, Enter the Field Name and Change the Type according to your Field (Example: **17** → INTEGER, "**Ragunath**" → Text(default)). Add the number of Fields according to your Table and Enter the "**CLOSE**" Button. Select the "**Build the table**" Option, Your table will be Created and appear on the screen.

Step 7: Select the Table → Click the "**ADD**" button, then insert your Data and then click the "**UPDATE**" button. Insert your Number of data as per your need. And then close the window by selecting the "**CLOSE**" button.

Step 8: Select the "**ADODC**" from your form and go to the properties, go to the "**ConnectionString**" and then click the Menu button, then a pop-up window will appear. Select the "**BUILD**" option → click the "**Microsoft Jet 4.0 OLE DB Provider**", on the Tab, Choose your database path and then submit "Test Connection" and then you Will get a Pop-up message box with "Success Message" only if you do all the steps Correctly, else re-do.

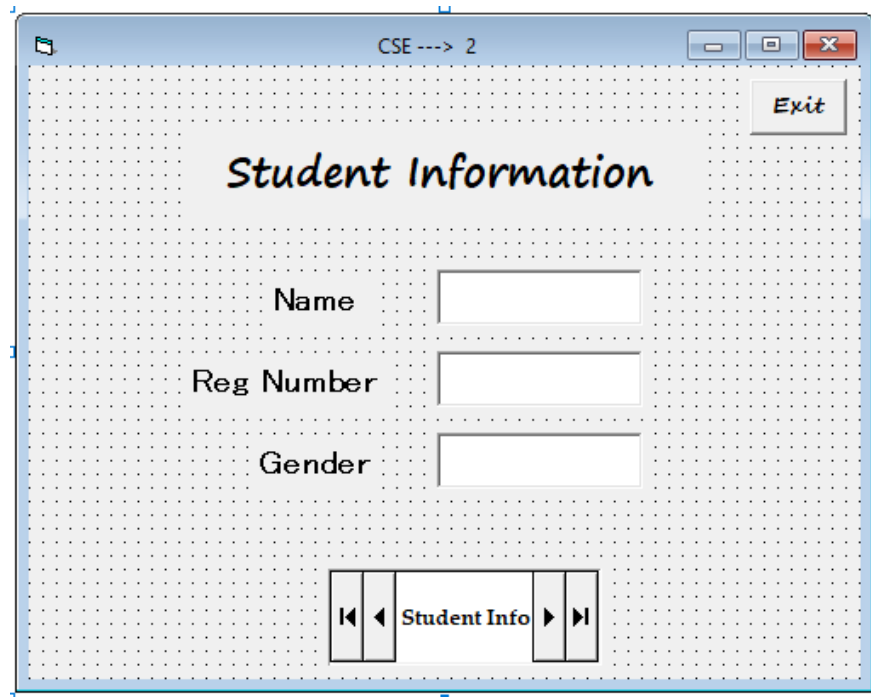
Step 9: Select "**ADODC**" from your form, then go to the properties, then select the "**RecordSource**" and select the Menu, then a pop-up window will appear. Select the command type → "2 - adCmd table" and also Select your table and click → Apply → Ok.

Step 10: Select the Text Box → Properties → DataSource → Select Adodc1 and Properties → DataField → Select the corresponding Field. (Proceed with these same steps for all Text Boxes)

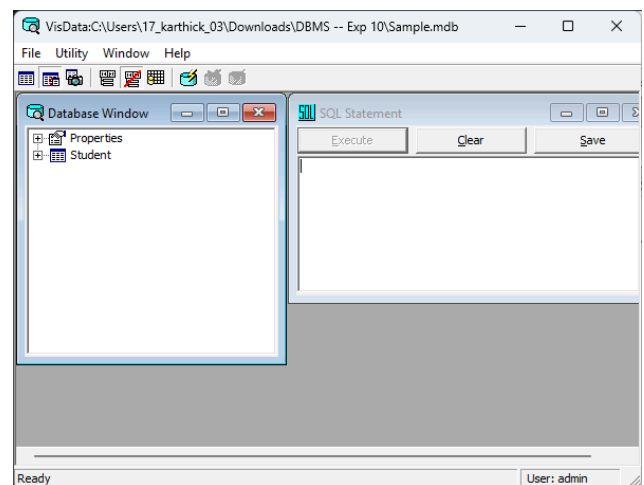
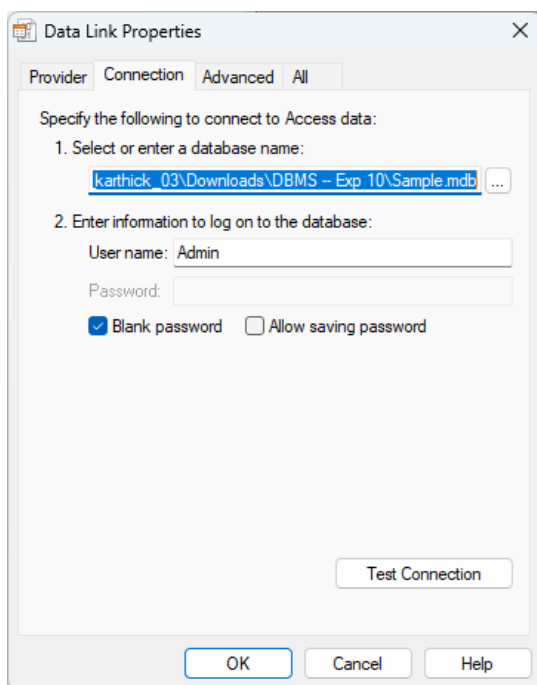
Step 11: Select the button, and code it accordingly. For example, if the button was "**Exit**," Then write the code as "**End.**" If the button was "**Add**," then write the code as "**Text3.Text = Val(Text1.Text) + Val(Text2.Text).**"

Building the VB form connecting to Database (DB) :

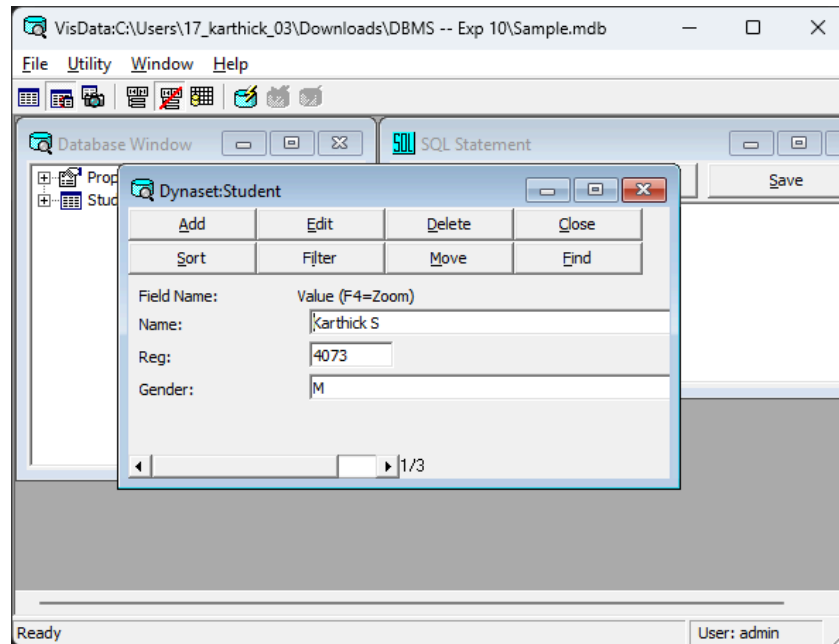
1 . Build a VB Form



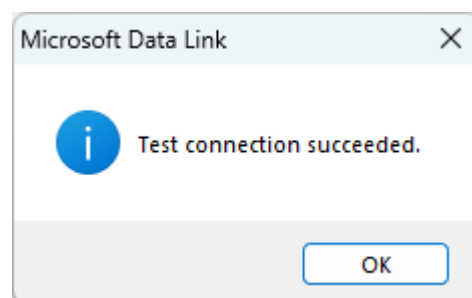
2 . Create an Table 'Student' and make with VB



3 . Insert Data(s) into created table 'Student'



4 . Check the connection of Data Link



OUTPUT :

A screenshot of a C++ console application window titled "CSE ----> 2". The window displays a form titled "Student Information". The form has three input fields: "Name" with the value "Karthick S", "Reg Number" with the value "4073", and "Gender" with the value "M". There is an "Exit" button in the top right corner. At the bottom, there is a navigation bar with a left arrow, a right arrow, and the text "Student Info".

Name	Reg Number	Gender
Karthick S	4073	M

A screenshot of a C++ console application window titled "CSE ----> 2". The window displays a form titled "Student Information". The form has three input fields: "Name" with the value "Nasreen", "Reg Number" with the value "8624", and "Gender" with the value "F". There is an "Exit" button in the top right corner. At the bottom, there is a navigation bar with a left arrow, a right arrow, and the text "Student Info".

Name	Reg Number	Gender
Nasreen	8624	F

A screenshot of a C++ console application window titled "CSE ----> 2". The window displays a form titled "Student Information". The form has three input fields: "Name" with the value "Ragunath", "Reg Number" with the value "4115", and "Gender" with the value "M". There is an "Exit" button in the top right corner. At the bottom, there is a navigation bar with a left arrow, a right arrow, and the text "Student Info".

Name	Reg Number	Gender
Ragunath	4115	M