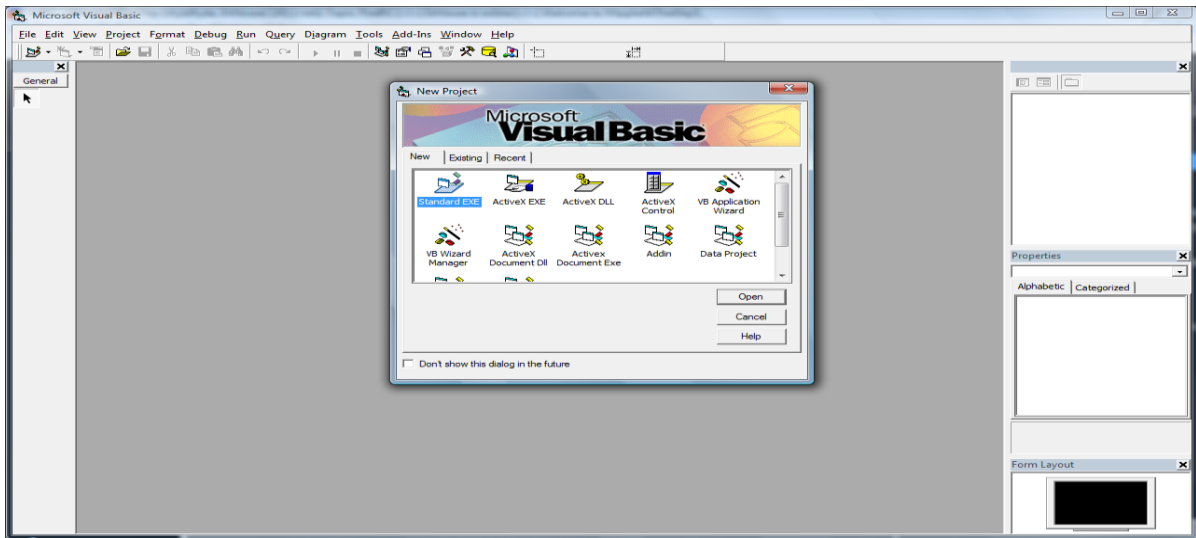


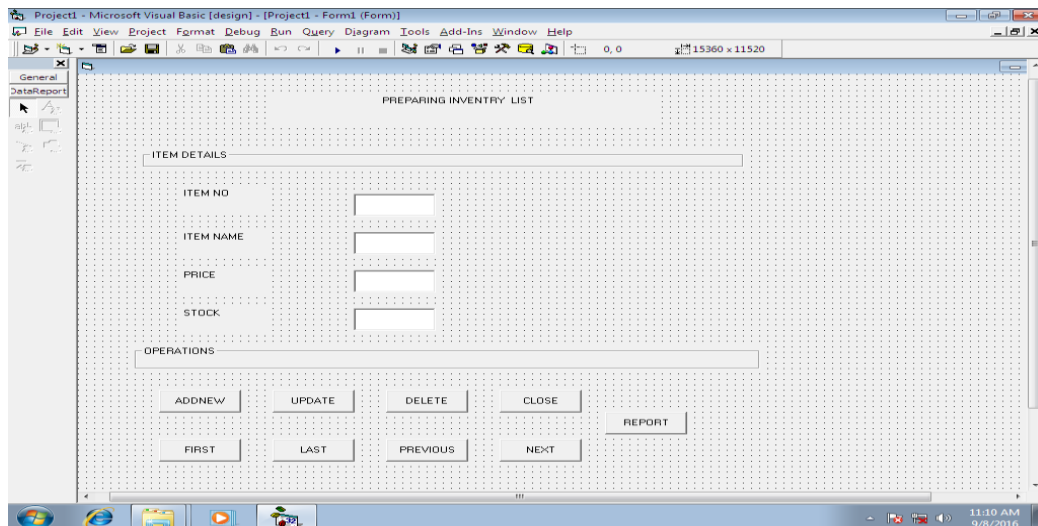
# STEPS FOR CREATING AN APPLICATION IN VISUAL BASIC

## a)Form Designing:

Step 1: Open Microsoft visual studio->Microsoft Visual Basic 6.0-> Standard Exe



Step-2: Design the form using label box and text box and command button

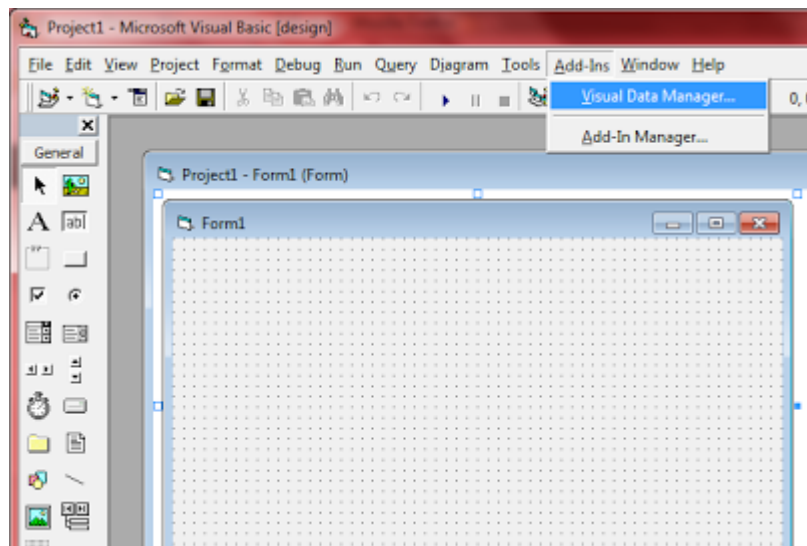


## b)Connecting database:

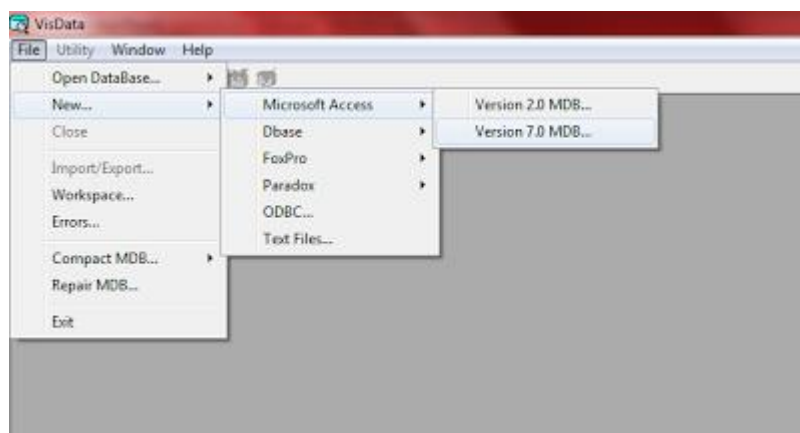
Step 2:A new form opens . In Form1 select project->References-> Microsoft DAO 2.5/3.51 compatibility library

## **SCREENSHOT**

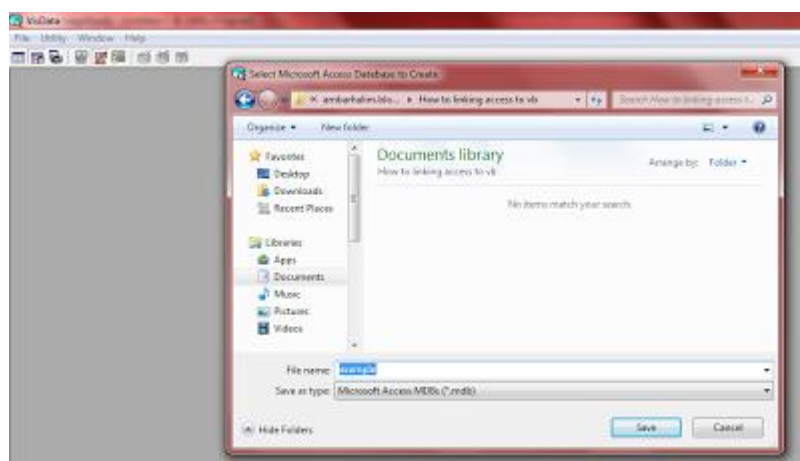
Step 3:In menu bar select add in-> visual data manager



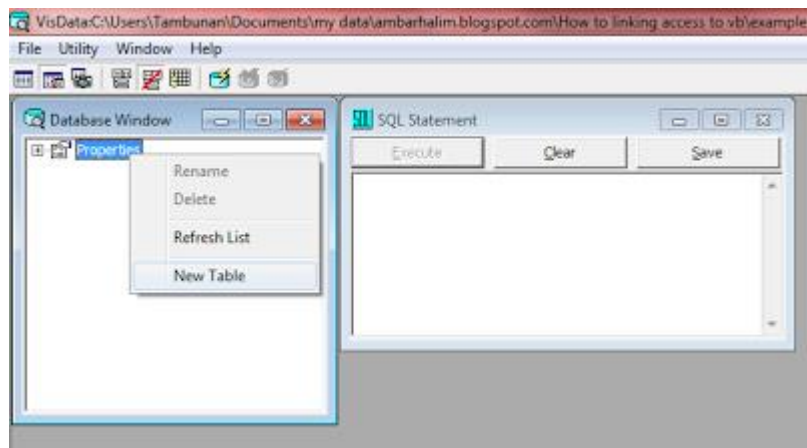
**Step 4:** select file-> new-> Microsoft access-> version 7.0 MDB



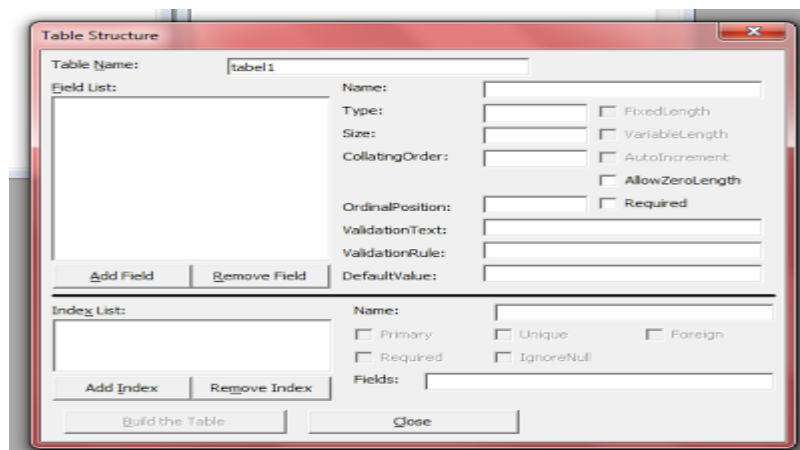
**Step-4:** You will be prompted to save the file name of the database you want to create. Save and remember the location of the database!



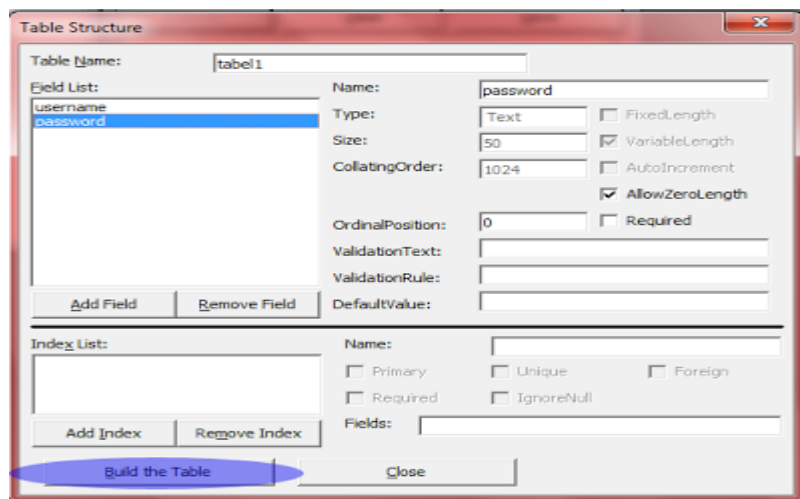
**Step-5:** .Create a new table! Right click "Properties", and then select "New Table"



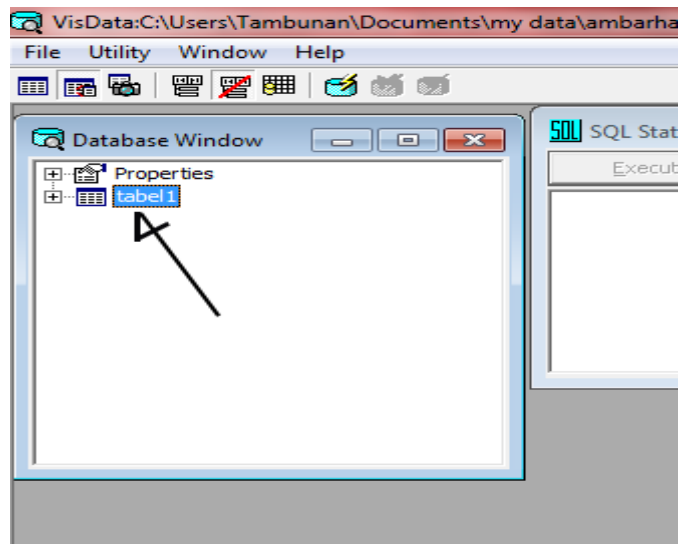
Step-6: Give a name to the table! Example the table name is "table1".



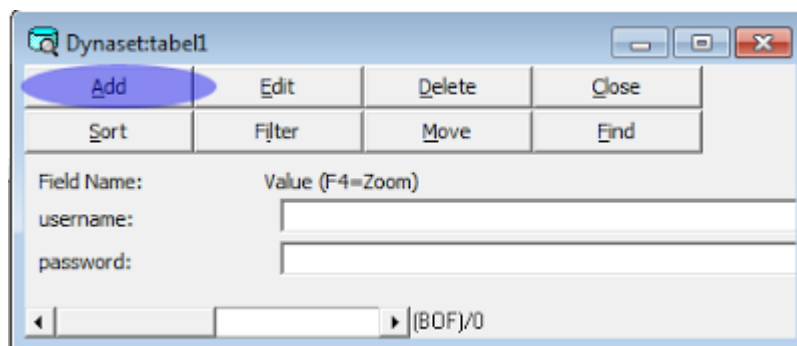
Step-7: Now, make list of field by clicking the "Add Field" button. Click on build table



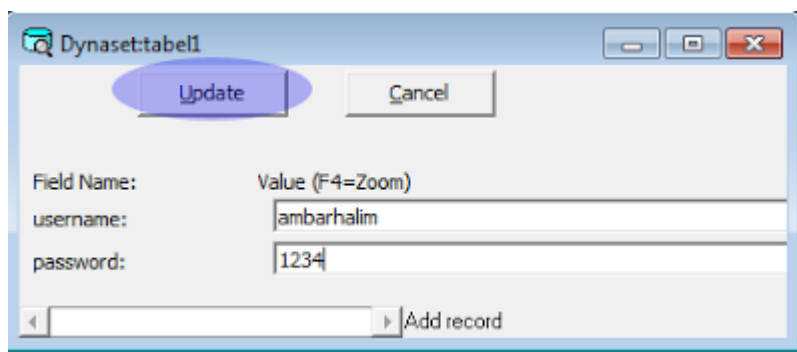
Step-8: Create a new database by double clicking on the "table1".



and then, click "Add" button to create new database.



Step 9: Fill in the name of each field as an example of database. Click "Update" button to save your database



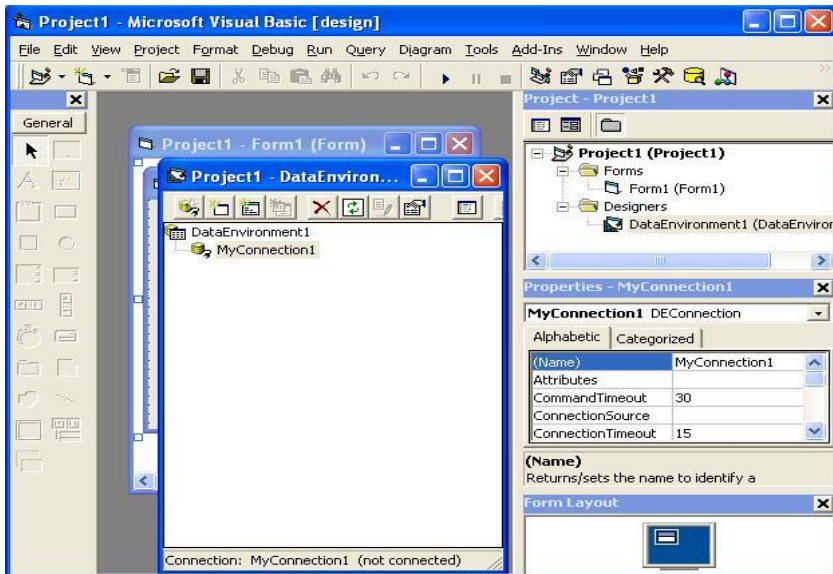
Step-10: Type the coding by clicking the command buttons and form load codings

## **b)Data Environment:**

**Step 1:** Right click the project explorer ->Add-> Data Environment

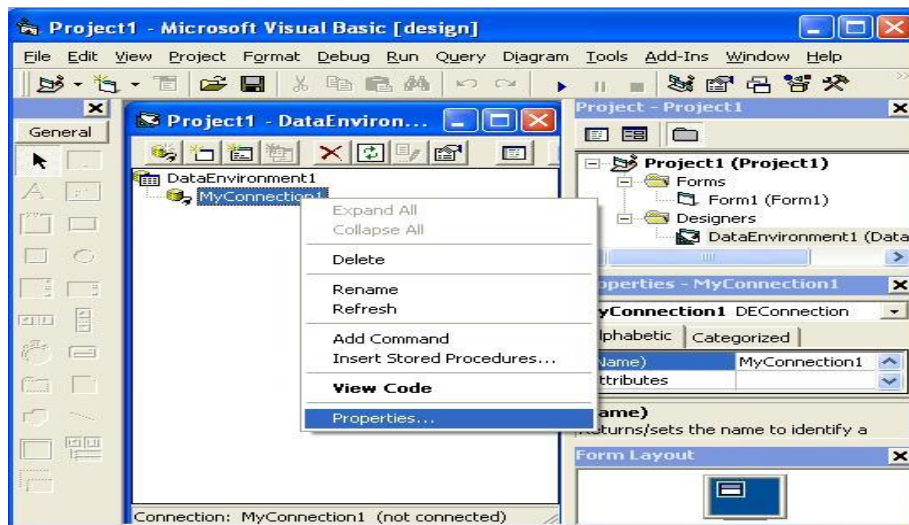
**SCEENSHOT**

Step 2: Data environment opens a connection to the source database . however ,you will have to set it up manually . Let us change the name of the connection1 to MyConnection1 simply type the same in the (Name) property as shown below.

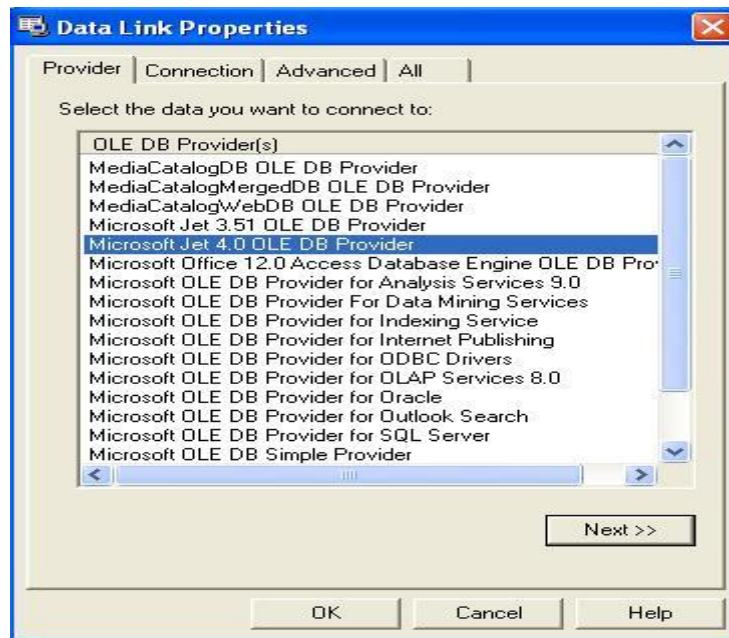


### Step3:

Right click at the MyConnection1 or whichever connection you have.The popmenu shown below appears from where you can choose properties.



his dialog box helps you set the database link to his connection.It lists all the types of database drivers currently installed on your machine.A typical dialog box appears as shown below:



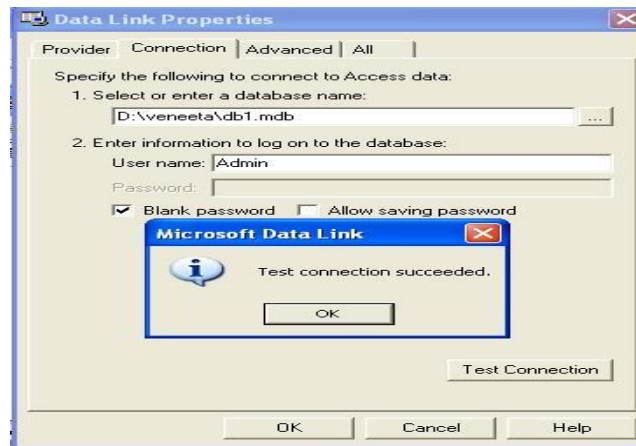
Step-4: Select the Driver Microsoft Jet 4.0 OLE DB Provider and click next

Step-5: Next,click at the Connection tab of the dialog box.The Connection tab opens up

Step-6: Select the Microsoft Access database you wish to connect to by clicking at button place on the right side of the textbox in which you enter the name of the database.The database name is shown in the text box.



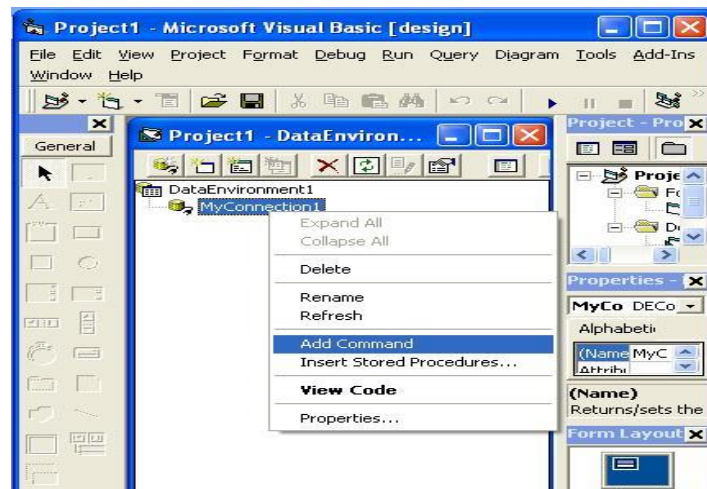
Step-7: Now,you can test whether your connection was established correctly by clicking at Test Connection button.



## Data Report:

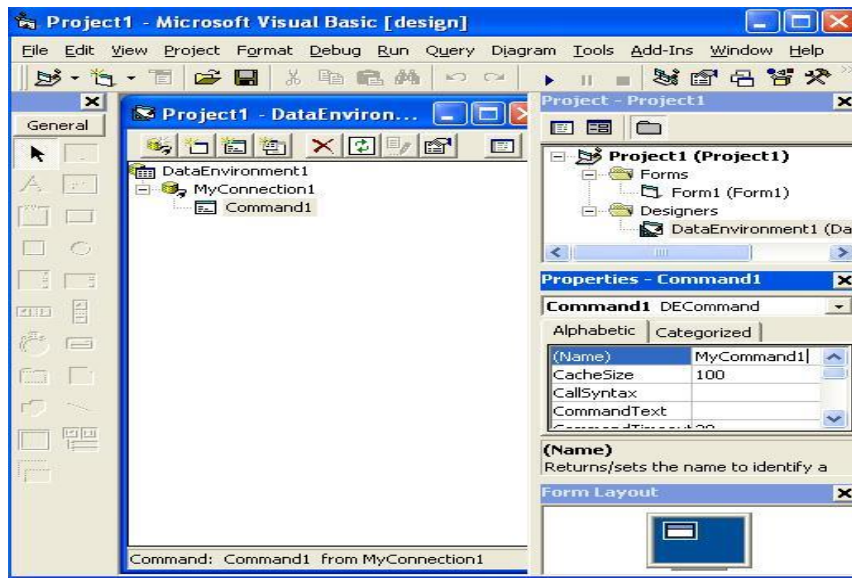
Database contains a number of objects like tables, queries. when you have created a connection to the desired database, you need to select the table in the database from which the data will be fetched in the report.

**Step-1:** Right click at your data environment object and click at Add Command as shown below

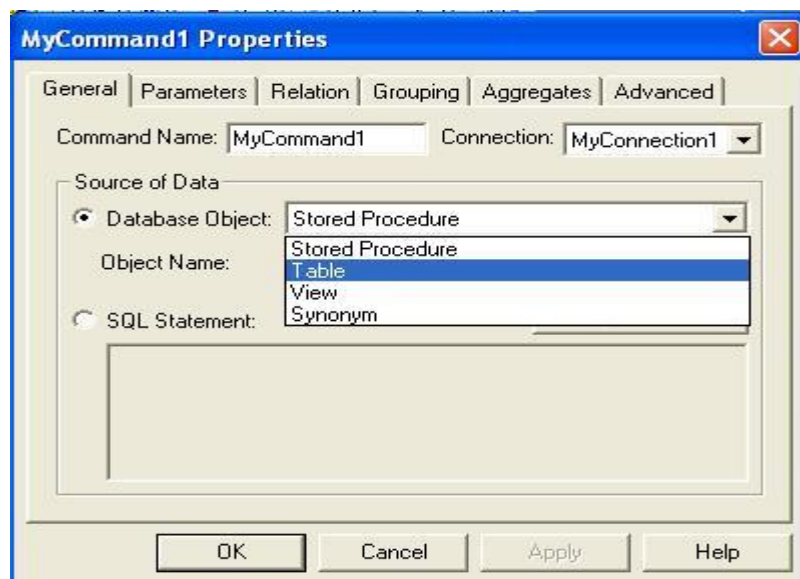


**Step-2:** Change Command's name to MyCommand1 in the properties window.





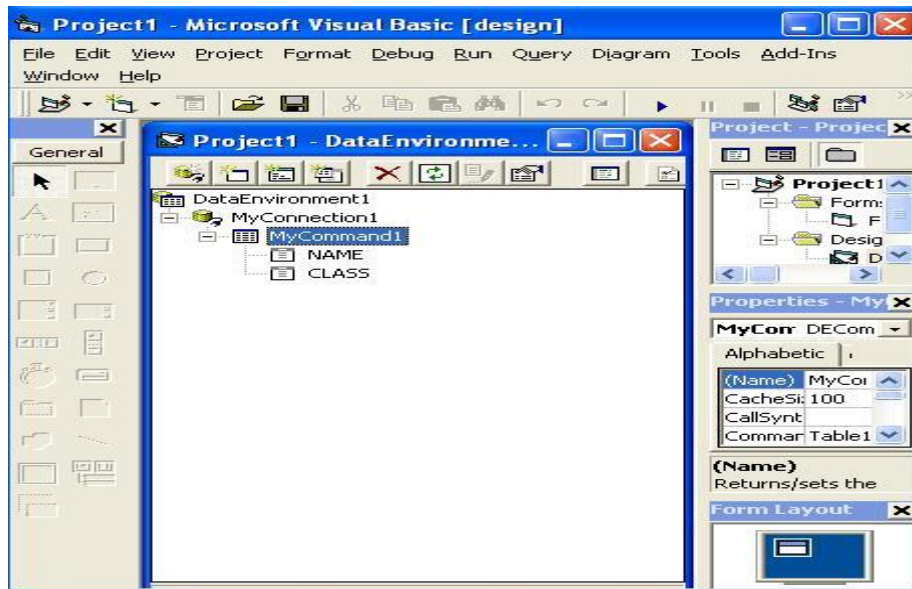
**Step-3:** In this dialog box set the desired Database Object like Table from where you wish to get the data.so,we will take our data from a table-Table1.



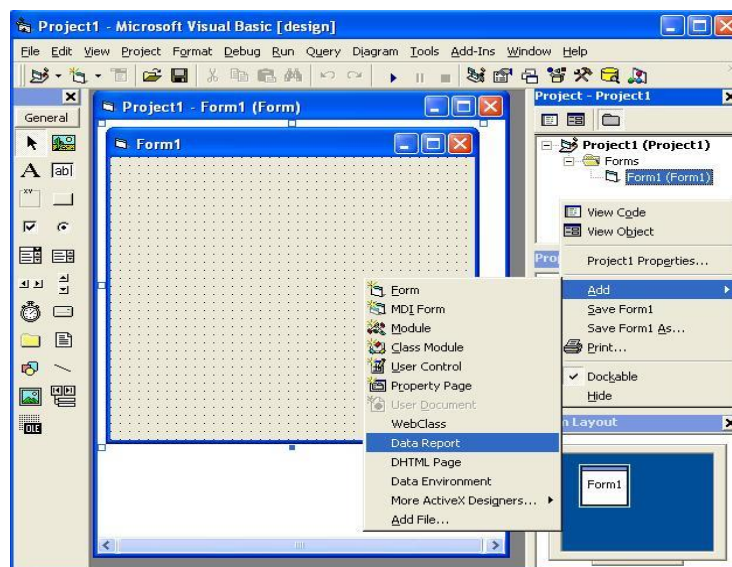
**Step-4:** In case of Table object table fields are shown in MyCommand1 command object as shown in figure below:



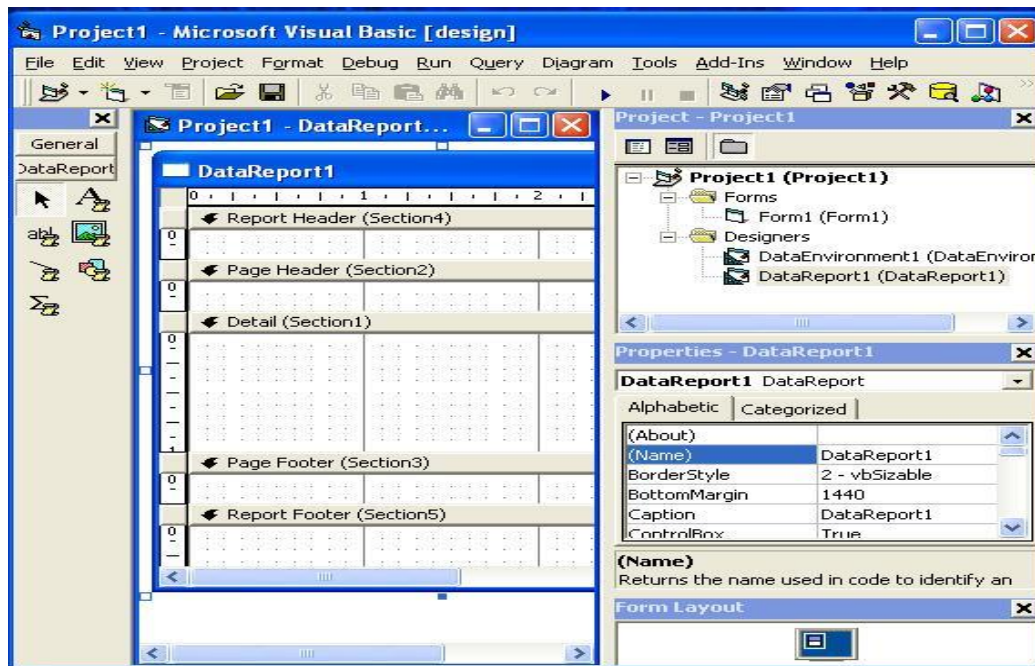




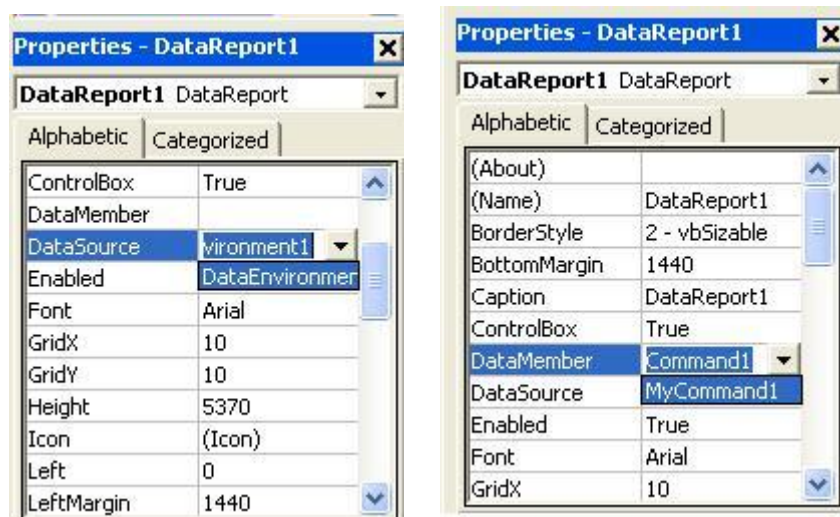
**Step-5:** Now you are ready to design your report. To include a report in your application add one Data Report object in the Project Explorer right clicking at the project as shown below



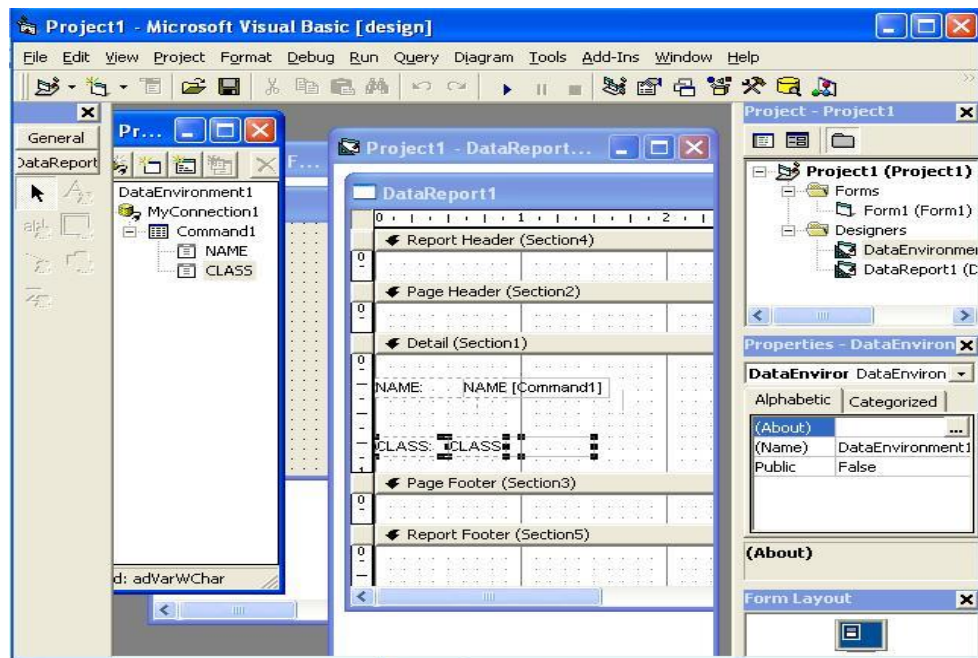
**Step-6:** To bind it to the data source MyDataSource1, click at Data Source property of the report and select the data environment- MyDataSource as shown below.



Step-7: . Now, your report knows from where it has to fetch its data. To select the source object, set the DataMember property to MyCommand1 in the property box of the report.



Step-8: Open the DataEnvironment1 and drag the field from this and drop on the Detail(Section1). Drag and drop the fields as you want. Now click open the project property box from Project menu.



Step 9: add command button to a form and writing the code to open the report at its event click procedure. For this click open the Form1 to add a command button as shown below.

