

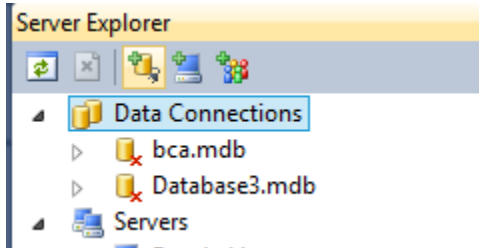
## Assignment - 3

### 1. Create ASP.NET Webpage that will test Database connecton.

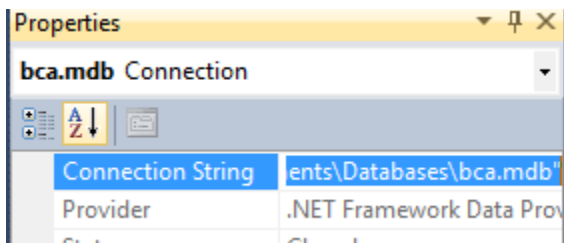
Create Database in Microsoft Access Or SQLServer.

Open Visual Studio and Create new website.

Go to Server Explorer and Add new Database Connection.



Right click on your database and select properties. find connection string property and copy it.



Code:

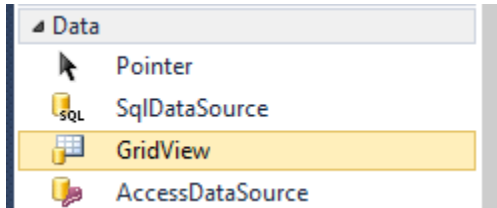
Add namespace in .cs file :

```
using System.Data.SqlClient;
```

```
protected void Page_Load(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection(@"Provider=Microsoft.Jet.OLEDB.4.0;Data
Source=G:\5 sem parul\Practical Assignments\Databases\bca.mdb");
    con.Open();
    if (con != null)
    {
        Response.Write("Database Connected");
    }
    else
    {
        Response.Write("Not conneccted");
    }
}
```

## 2. Create ASP.NET webpage that will display data in GridView Control using SqlDataSource.

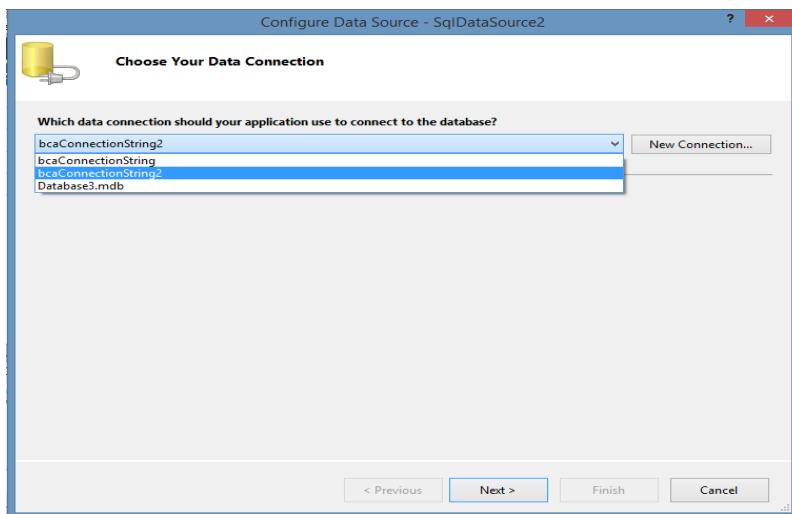
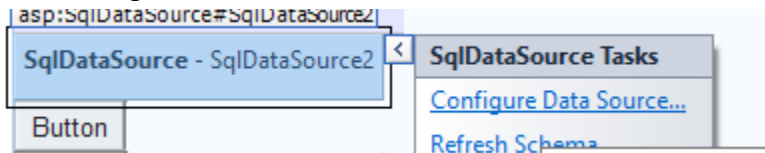
Add SqlDataSource – goto Toolbox > Data > SqlDataSource  
then add GridView .

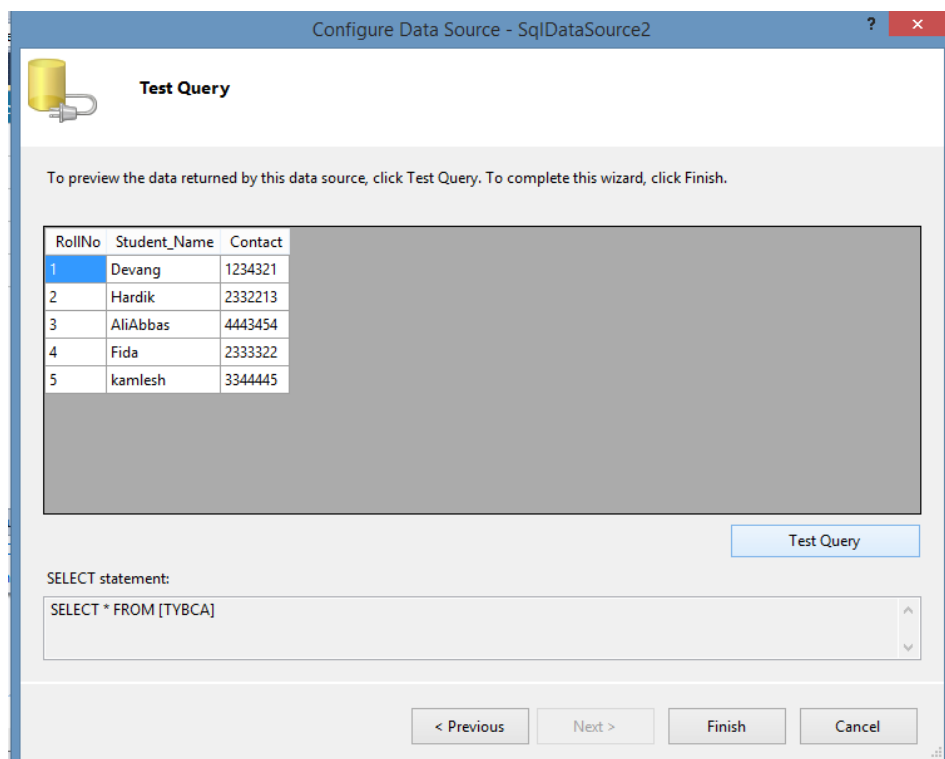
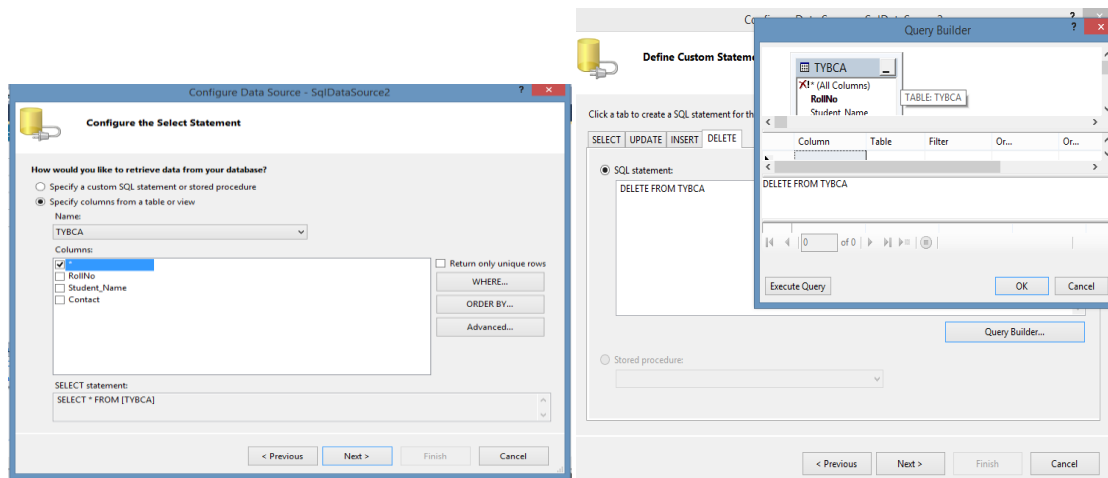


| Column0 | Column1 | Column2 |
|---------|---------|---------|
| abc     | abc     | abc     |
| abc     | abc     | abc     |
| abc     | abc     | abc     |
| abc     | abc     | abc     |
| abc     | abc     | abc     |

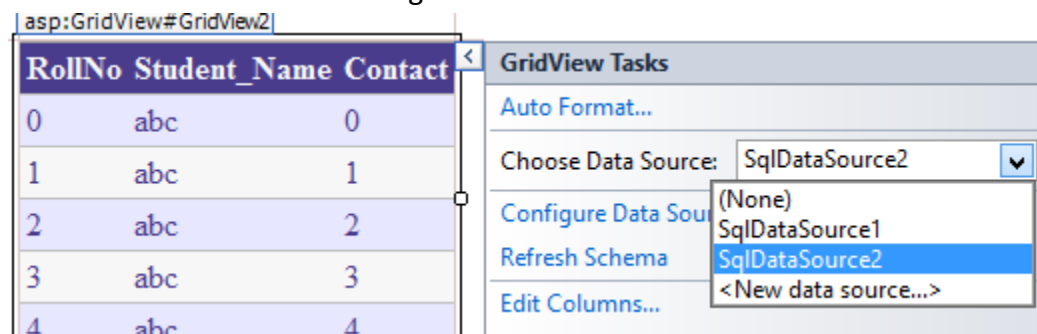
SqlDataSource - SqlDataSource2

Now configure SQLDataSource.





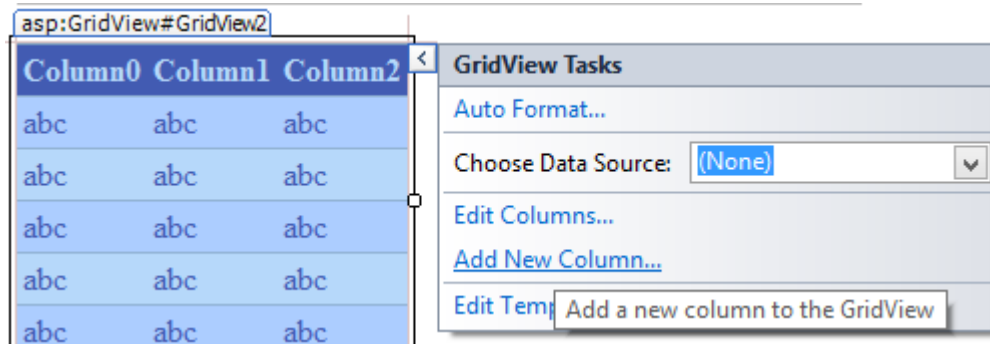
Now set these datasource into gridview



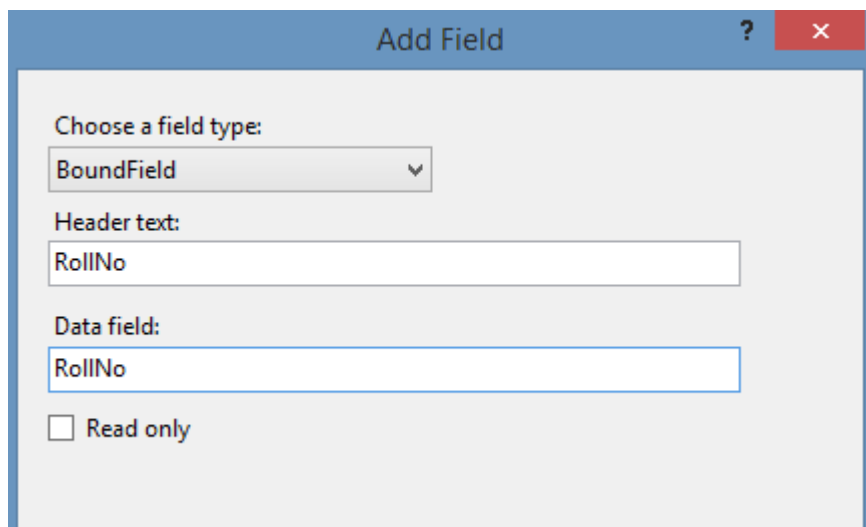
### 3. Create ASP.NET webpage that will display data in Gridview Control using C# code.

Add Gridview control from toolbox > Data.

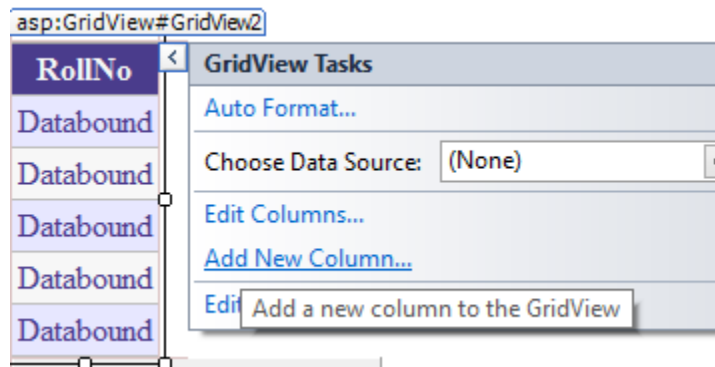
Bind datafield to the gridview control.



Add the DataField which you have passed in your SQL Statement.



You can see data is bound to gridview now repeat above steps and add the fields into gridview.



Code :

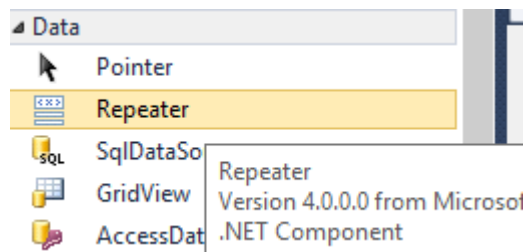
```
SqlConnection con = new SqlConnection(@"Provider=Microsoft.Jet.OLEDB.4.0;Data Source=G:\5 sem
parul\Practical Assignments\Databases\bca.mdb");
con.Open();
if (con != null)
{
    Response.Write(" connceted");
    SqlDataAdapter ol = new SqlDataAdapter("SELECT UID,username,email FROM User_Master", con);
    DataSet ds = new DataSet();
    ol.Fill(ds);

    GridView1.DataSource = ds;
    GridView1.DataBind();

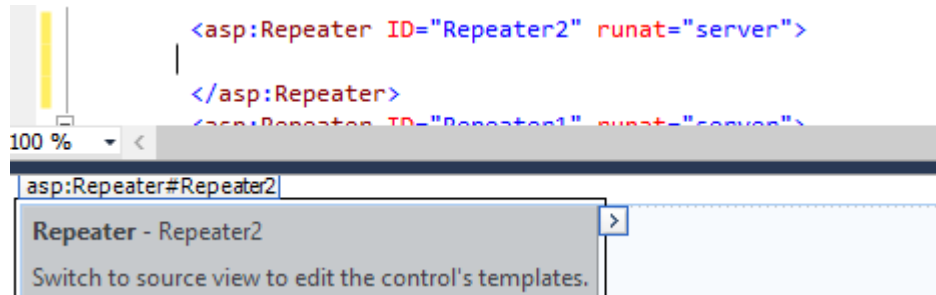
}
else { Response.Write("Not connceted"); }
con.Close();
```

#### 4. Create ASP.NET Webpage that will display data in to Repeater control.

Add Repeater Control : Toolbox > Data > Repeater



Now write down code in to repeater control.



Design Code:

```
<asp:Repeater ID="Repeater1" runat="server">
  <HeaderTemplate>
    <table border="0" >
      <tr style="font-weight:bold;">
        <b>
          <td>
            Roll No
          </td>
          <td>
            Name
          </td>
          <td>
            Contact
          </td>
        </b>
      </tr>
    </HeaderTemplate>

    <ItemTemplate>
      <tr>
        <td>
          <%#DataBinder.Eval(Container,"DataItem.RollNo")%>
        </td>
        <td>
          <%#DataBinder.Eval(Container,"DataItem.Student_Name")%>
        </td>
        <td>
          <%#DataBinder.Eval(Container,"DataItem.Contact")%>
        </td>
      </tr>
    </ItemTemplate>

    <AlternatingItemTemplate>
      <tr style="background-color:Lime;">
```

```

        <td>
            <%#DataBinder.Eval(Container,"DataItem.RollNo")%>
        </td>
        <td>
            <%#DataBinder.Eval(Container,"DataItem.Student_Name")%>
        </td>
        <td>
            <%#DataBinder.Eval(Container,"DataItem.Contact")%>
        </td>
    </tr>
</AlternatingItemTemplate>
<SeparatorTemplate>
<tr>
<td>
<hr /></td>
<td>
<hr /></td>
<td>
<hr /></td>
</tr>
</SeparatorTemplate>
<FooterTemplate>
    <tr>
        <td colspan="3" >
            5 records founds
        </td>
    </tr>
</table>
</FooterTemplate>
</asp:Repeater>

```

Code:

```

protected void Page_Load(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection(@"Provider=Microsoft.Jet.OLEDB.4.0;Data Source=G:\5 sem
parul\Practical Assignments\Databases\bca.mdb");
    con.Open();
    SqlDataAdapter ad = new SqlDataAdapter("Select RollNo,Student_Name,Contact from TYBCA", con);
    DataSet ds = new DataSet();
    ad.Fill(ds);
    Repeater1.DataSource = ds;
    Repeater1.DataBind();

    con.Close();
}

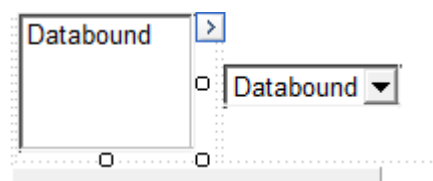
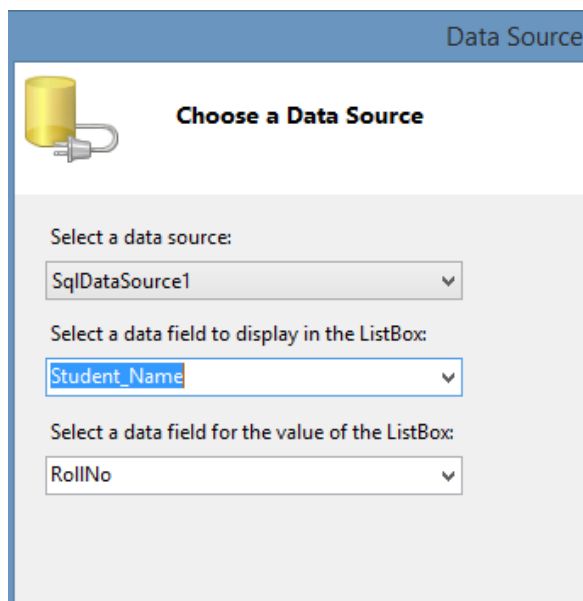
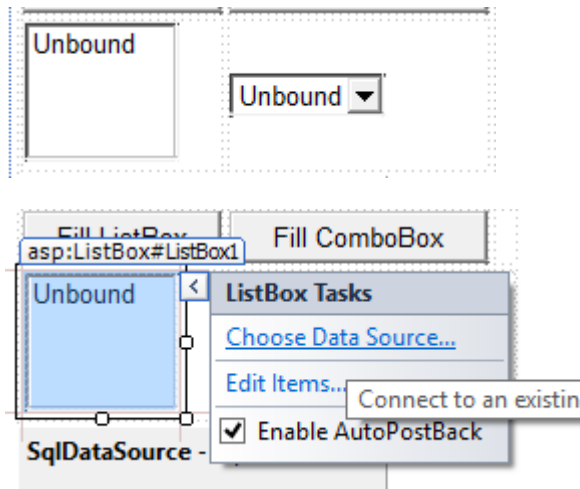
```

## 5. Create ASP.NET Webpage that will display data in to Listbox and dropdownlist control using SqlDataSource.

Add SqlDatasource and configure with database.

Now see the datasource properties for listbox and dropdownlist.

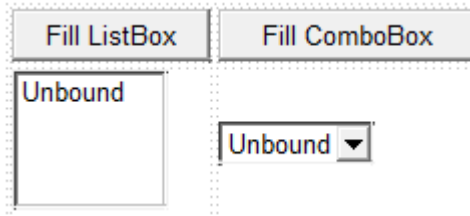
Select sqldatasource and select dataTextField and Datavalue Fields for controls.





## 6. Create ASP.NET Webpage that will display data in to Listbox and dropdownlist control on button click event using c# cod.

Add button controls and create button click event.



Code :

```
protected void Button1_Click(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection(@"Provider=Microsoft.Jet.OLEDB.4.0;Data Source=G:\5 sem
parul\Practical Assignments\Databases\bca.mdb");
    con.Open();
    SqlDataAdapter ad = new SqlDataAdapter("Select * from TYBCA", con);
    DataSet ds = new DataSet();
    ad.Fill(ds);

    ListBox1.DataSource = ds;
    ListBox1.DataTextField = "Student_Name";
    ListBox1.DataBind();
    con.Close();
}
protected void DropDownList1_SelectedIndexChanged(object sender, EventArgs e)
{
    Response.Write(DropDownList1.SelectedValue.ToString());
}
protected void Button2_Click(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection(@"Provider=Microsoft.Jet.OLEDB.4.0;Data Source=G:\5 sem
parul\Practical Assignments\Databases\bca.mdb");
    con.Open();
    SqlDataAdapter ad = new SqlDataAdapter("Select * from TYBCA", con);
    DataSet ds = new DataSet();
    ad.Fill(ds);

    DropDownList1.DataSource = ds;
    DropDownList1.DataTextField = "RollNo";
    DropDownList1.DataValueField = "Student_Name";
    DropDownList1.DataBind();
}
```