

## Assignment - 8

### 1. Create an XML file that will store student information.

Go to solution explorer and add new item -> Xml file

Give proper name to xml file and write down the below code.

```
<?xml version="1.0" standalone="yes"?>
<student_master>
  <student>
    <name>devang</name>
    <lname>tadvi</lname>
    <age>20</age>
    <bdate>2-2-2012</bdate>
  </student>
  <student>
    <name>ankur</name>
    <lname>jha</lname>
    <age>20</age>
    <bdate>2-2-2012</bdate>
  </student>
  <student>
    <name>tushar</name>
    <lname>jadhav</lname>
    <age>20</age>
    <bdate>2-2-2012</bdate>
  </student>
</student_master>
```

### 2. Create ASP.NET Webpage that will read XML file and display XML data into GridView control.

Design:

Read XML		
Column0	Column1	Column2
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc
abc	abc	abc

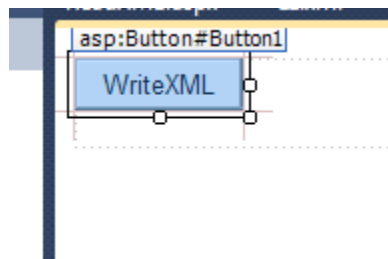
```
<form id="form1" runat="server">
  <div>
    <asp:Button ID="Button1" runat="server" Text="Read XML"
      onclick="Button1_Click" />
    <br />
  </div>
  <asp:GridView ID="GridView1" runat="server">
  </asp:GridView>
</form>
```

## C# CODE:

```
protected void Button1_Click(object sender, EventArgs e)
{
    DataSet ds = new DataSet();
    ds.ReadXml(MapPath("sample.xml"));

    ds.WriteXml(MapPath("xyz.xml"));
}
```

### 3. Create ASP.NET Webpage that will read data from database and write on XML on button click.



## Design :

```
<form id="form1" runat="server">
<div>
    <asp:Button ID="Button1" runat="server" Text="WriteXML"
        onclick="Button1_Click" />
    <br />
    <br />
</div>
</form>
```

**C# code:** `using System.Data.Sql;`  
`using System.Data;`

```
SqlConnection con = new SqlConnection("Your Database Path");
con.Open();
SqlDataAdapter adp = new SqlDataAdapter("Select * from TYBCA", con);
DataSet ds = new DataSet();
adp.Fill(ds);

ds.WriteXml(MapPath("xyz.xml"));
con.Close();
Response.Write("XML is created");
```