

Name: Aryan Yadav

Class: SYIT

Subject: ASP.net

Date: 5th January 2024

Practical 3

Aim: Create a web application to demonstrate use of reading and writing operation with XML.

Button	firstname	lastname	stream	course	UID	class
	Aryan	Yadav	Science	BscIT	58	SYIT

Button

localhost:50632/Practical3Form1.aspx

Xml file is ready! Click below link to read file

Button

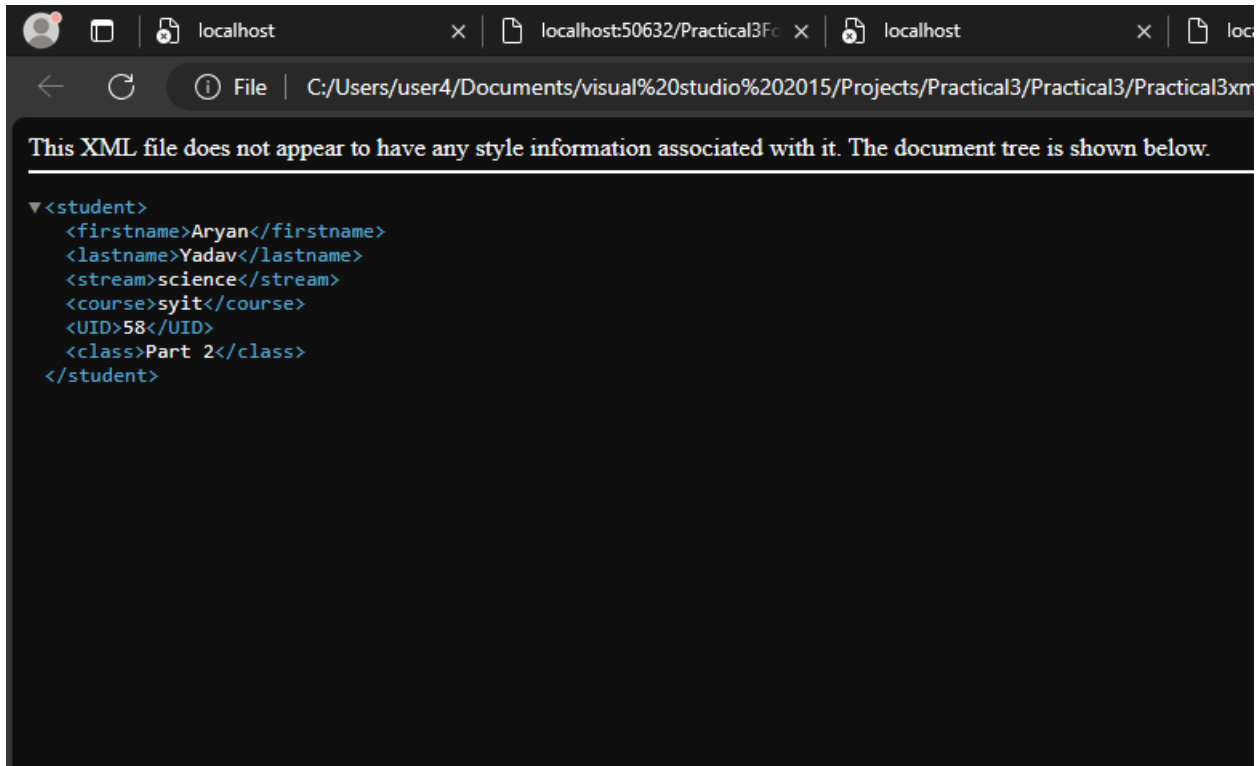
Button

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The screenshot shows a web browser window with multiple tabs. The active tab is titled 'localhost' and the address bar shows the file path 'C:/Users/user4/Documents/visual%20studio%202015/Projects/Practical3/Practical3/Practical3.xml'. The browser displays a message: 'This XML file does not appear to have any style information associated with it. The document tree is shown below.' Below this message, the XML document tree is displayed in a dark-themed editor. The XML content is as follows:

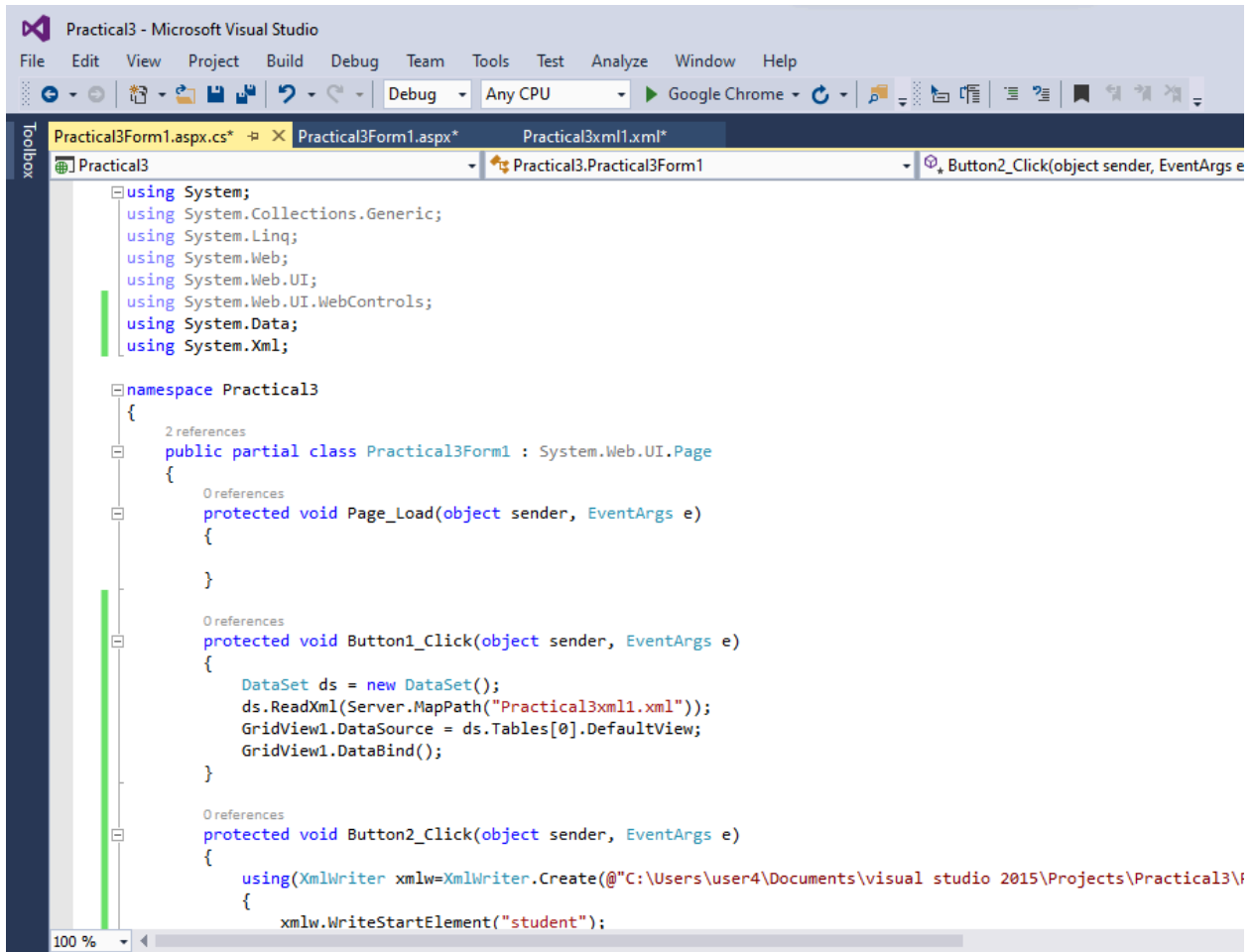
```
<student>
  <firstname>Aryan</firstname>
  <lastname>Yadav</lastname>
  <stream>science</stream>
  <course>syit</course>
  <UID>58</UID>
  <class>Part 2</class>
</student>
```

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```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Xml;

namespace Practical3
{
    2 references
    public partial class Practical3Form1 : System.Web.UI.Page
    {
        0 references
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        0 references
        protected void Button1_Click(object sender, EventArgs e)
        {
            DataSet ds = new DataSet();
            ds.ReadXml(Server.MapPath("Practical3xml1.xml"));
            GridView1.DataSource = ds.Tables[0].DefaultView;
            GridView1.DataBind();
        }

        0 references
        protected void Button2_Click(object sender, EventArgs e)
        {
            using(XmlWriter xmlw=XmlWriter.Create(@"C:\Users\user4\Documents\visual studio 2015\Projects\Practical3\
            {
                xmlw.WriteStartElement("student");
            }
        }
    }
}
```

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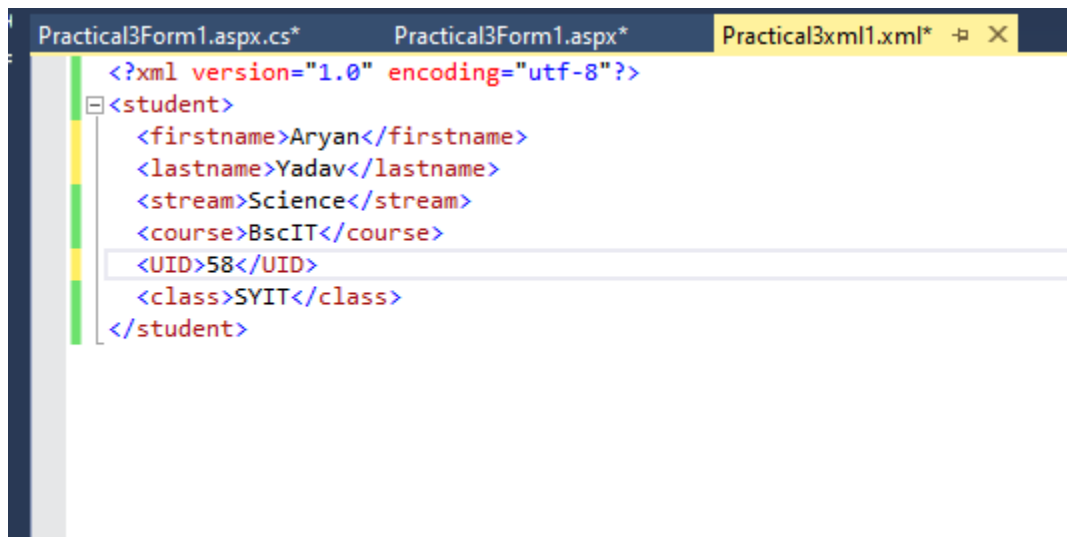
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```
References
protected void Button2_Click(object sender, EventArgs e)
{
    using(XmlWriter xmlw=XmlWriter.Create(@"C:\Users\user4\Documents\visual studio 2015\Projects\Practical3\Practical
    {
        xmlw.WriteStartElement("student");
        xmlw.WriteElementString("firstname", "Aryan");
        xmlw.WriteElementString("lastname", "Yadav");
        xmlw.WriteElementString("stream", "science");
        xmlw.WriteElementString("course", "syit");
        xmlw.WriteElementString("UID", "58");
        xmlw.WriteElementString("class", "Part 2");
        xmlw.WriteEndElement();
    }
    Response.Write("Xml file is ready! Click below link to read file");
}

References
protected void GridView1_SelectedIndexChanged(object sender, EventArgs e)
{
}
}
```



```
Practical3Form1.aspx.cs* Practical3Form1.aspx* Practical3xml1.xml*
<?xml version="1.0" encoding="utf-8"?>
<student>
  <firstname>Aryan</firstname>
  <lastname>Yadav</lastname>
  <stream>Science</stream>
  <course>BscIT</course>
  <UID>58</UID>
  <class>SYIT</class>
</student>
```

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Aim] Create an xml file. Read data from that file and store it.

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;

namespace WebApplication2
{
    2 references
    public partial class WebForm1 : System.Web.UI.Page
    {
        0 references
        protected void Page_Load(object sender, EventArgs e)
        {

        }

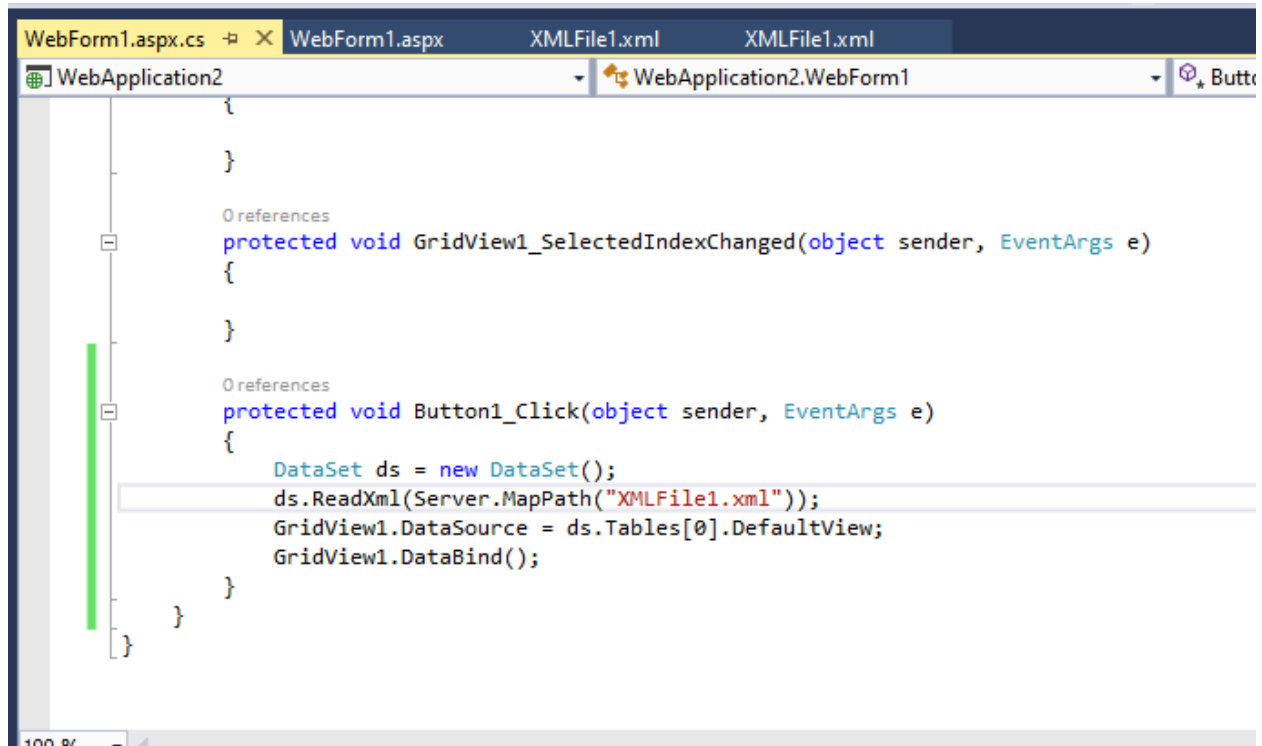
        0 references
        protected void GridView1_SelectedIndexChanged(object sender, EventArgs e)
        {
```

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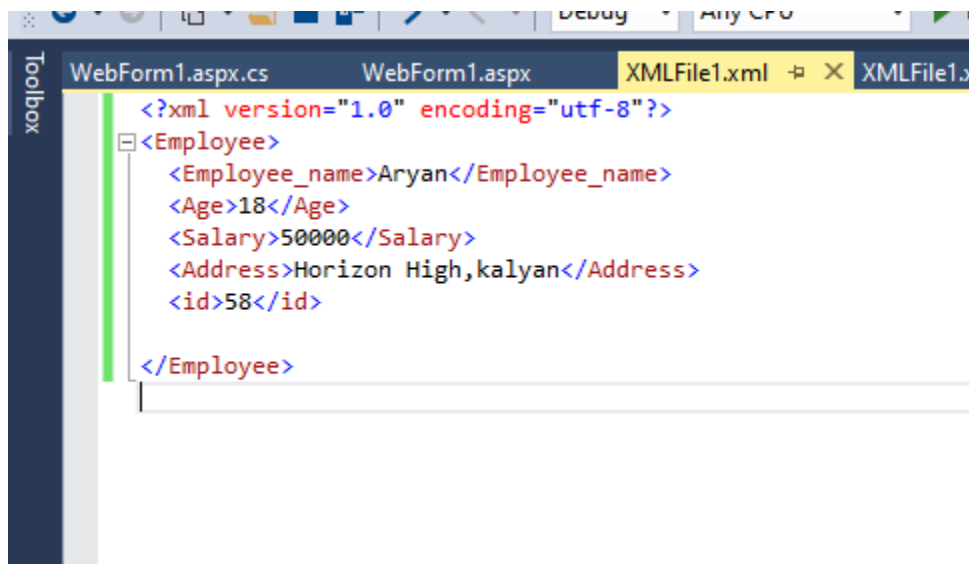
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```
WebForm1.aspx.cs WebForm1.aspx XMLFile1.xml XMLFile1.xml
WebApplication2 WebApplication2.WebForm1
{
}

References
protected void GridView1_SelectedIndexChanged(object sender, EventArgs e)
{
}

References
protected void Button1_Click(object sender, EventArgs e)
{
    DataSet ds = new DataSet();
    ds.ReadXml(Server.MapPath("XMLFile1.xml"));
    GridView1.DataSource = ds.Tables[0].DefaultView;
    GridView1.DataBind();
}
}
```



```
WebForm1.aspx.cs WebForm1.aspx XMLFile1.xml XMLFile1.x
<?xml version="1.0" encoding="utf-8"?>
<Employee>
  <Employee_name>Aryan</Employee_name>
  <Age>18</Age>
  <Salary>50000</Salary>
  <Address>Horizon High,kalyan</Address>
  <id>58</id>
</Employee>
```

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Button

				Employee_name	Age	Salary	Address	id
				Aryan	18	50000	Horizon High,kalyan	58