

## PRACTICAL NO.10

### A. AIM: Create a web application to demonstrate reading and writing operation with xml

#### Code:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Xml;
namespace pra10a
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            XmlReader red =
            XmlReader.Create(@"C:\Users\Vishwakarma\source\repos\pra10a\pra10a\XMLFile3.xml");
            while (red.Read()) {
                if (red.NodeType.Equals(XmlNodeType.Element))
                {
                    string s = Label1.Text + " ";
                    Label1.Text = s + red.Name;
                }
            }
            red.Close();
        }
        protected void Button2_Click(object sender, EventArgs e)
        {
            using (XmlWriter wr =
            XmlWriter.Create(@"C:\Users\Vishwakarma\source\repos\pra10a\pra10a\XMLFile4.xml"))
            {
                wr.WriteStartDocument();
                wr.WriteComment("Example of write to xml doc");
                wr.WriteStartElement("student");
                wr.WriteEndElement();
            }
            Response.Write("ok");
        }
    }
}
```

#### SOURCE CODE:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="pra10a.WebForm1" %>
```

## PRACTICAL NO.10

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title></title>
</head>
<body>
  <form id="form1" runat="server">
    <div>
      <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Read
XML" />
      <br />
    </div>
    <asp:Label ID="Label1" runat="server" Text=" "></asp:Label>
    <br />
    <br />
    <asp:Button ID="Button2" runat="server" OnClick="Button2_Click" Text="Write
XML" />
  </form>
</body>
</html>
```

### XMLFile3.xml

```
<?xml version="1.0" encoding="utf-8" ?>
<student>
  <name>
    Sandeep
  </name>
  <rollNo>
    50
  </rollNo>
</student>
```

### XMLFile4.xml

```
<?xml version="1.0" encoding="utf-8"?><!--Example of write to xml doc--><student />
```

## OUTPUT:

ok

Read XML

student name rollNo

Write XML

## PRACTICAL NO.10

**C. AIM:** Create a web application to display time in textbox when user clicks on show time button. Implement 2 second delay in between, and within 2 second delay display message please wait for some time(using AJAX control).

### CODE:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
namespace pra10c
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            System.Threading.Thread.Sleep(2000);
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            TextBox1.Text = DateTime.Now.ToString();
        }
    }
}
```

### SOURCE CODE:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="pra10c.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <asp:ScriptManager ID="ScriptManager1" runat="server">
            </asp:ScriptManager>
            <asp:TextBox ID="TextBox1" runat="server" Width="387px"></asp:TextBox>
            <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Button" />
            <br />
            &nbsp;<asp:UpdateProgress ID="UpdateProgress1" runat="server">
            </asp:UpdateProgress>
        </div>
    </form>
</body>
</html>
```

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### OUTPUT:

<input type="text"/>	Button
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Monday, 7 October, 2024	Button
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