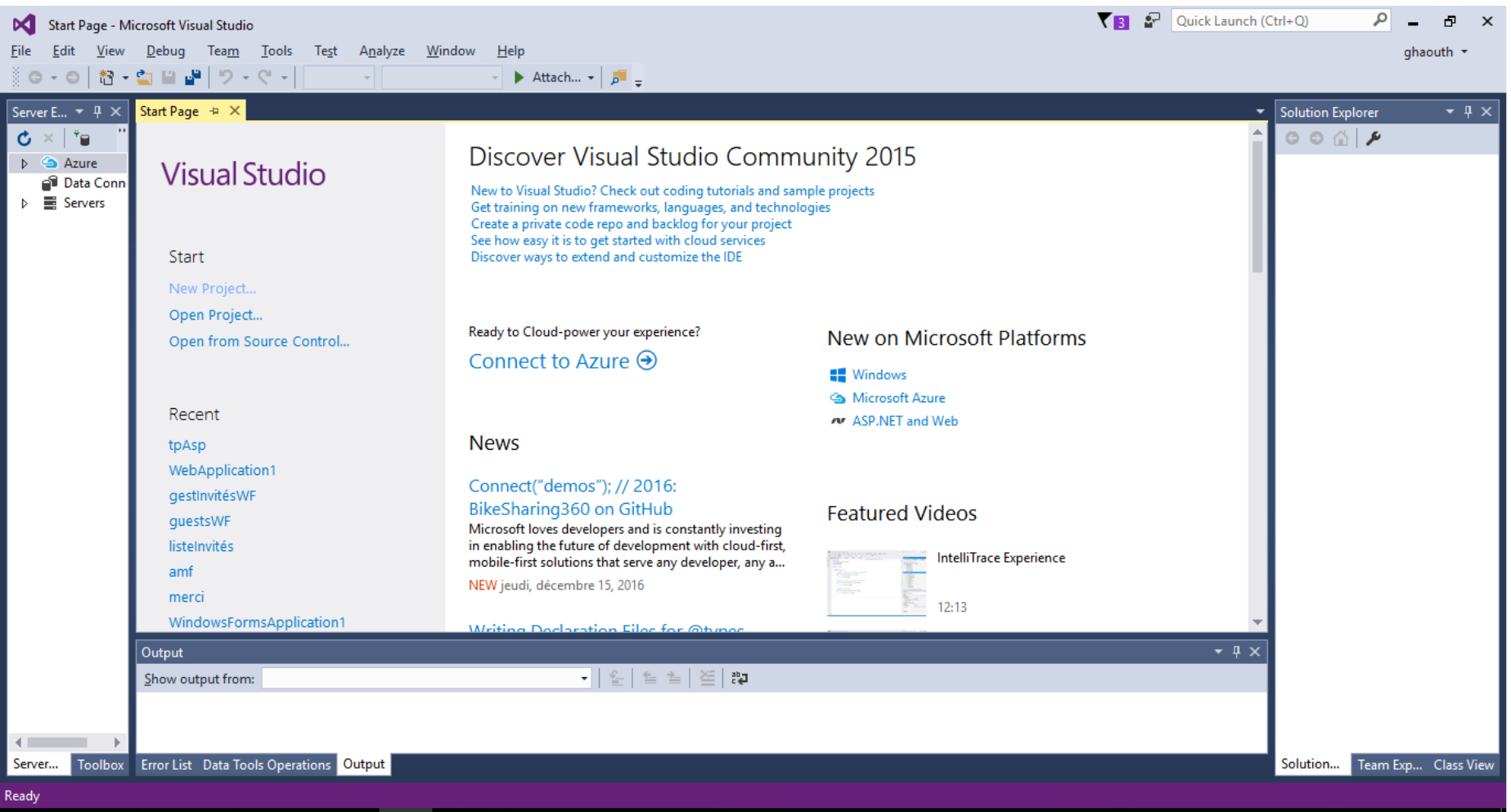


# TP 5 : WebForms

Préparé par  
M.G. BELKASMI

# Lancement



# Création de Projet

**New Project**

Recent | .NET Framework 4.5.2 | Sort by: Default | Search Installed Templates (Ctrl+F)

**Installed**

- Templates
  - Visual C#
    - Windows
    - Web**
    - Android
    - Cloud
    - Extensibility
    - iOS
    - Silverlight
    - Test
    - WCF

**ASP.NET Web Application** | Visual C#

[Click here to go online and find templates.](#)

**Type: Visual C#**

A project template for creating ASP.NET applications. You can create ASP.NET Web Forms, MVC, or Web API applications and add many other features in ASP.NET.

**Application Insights**

☐ Add Application Insights to project

Optimize performance and monitor usage in your live application.

ghaouth@hotmail.com (Micr...)

There are no Azure subscriptions associated with this account. [Sign up for a subscription.](#)

Name:

Location:

Solution name:

☒ Create directory for solution

☐ Add to Source Control

# Création de Projet

New ASP.NET Project - MyWebApp

Select a template:

**ASP.NET 4.5.2 Templates**

Empty Web Forms MVC Web API Single Page Application

Azure API App (Preview) Azure Mobile Service

**ASP.NET 5 Templates**

Get ASP.NET 5 RC

Add folders and core references for:

☒ Web Forms ☐ MVC ☐ Web API

☐ Add unit tests

Test project name: MyWebApp.Tests

A project template for creating ASP.NET Web Forms applications. ASP.NET Web Forms lets you build dynamic websites using a familiar drag-and-drop, event-driven model. A design surface and hundreds of controls and components let you rapidly build sophisticated, powerful UI-driven sites with data access.

[Learn more](#)

Change Authentication

Authentication: Individual User Accounts

Microsoft Azure

☐ Host in the cloud

Web App

OK Cancel

# Exercice 1 :

## SiteMaster & page d'accueil

[TP ASP.Net](#)

[Accueil](#)

[Exemple1](#)

[Exemple2](#)

[Exemple3](#)

[A propos](#)

[Contact](#)

[Regis](#)

# ASP.NET

Premier Tp ASP.NET

## Exemple 1

Converion de casse

[Exemple 1 »](#)

## Exemple 2

Choix de destination

[Exemple 2 »](#)

## Exemple 3

Affichage de données

[Exemple 3 »](#)

# SiteMaster

```
Site.Master  exp1.aspx  exp2.aspx  exp3.aspx  ViewSwitcher.ascx
49      <a class="navbar-brand" runat="server" href="/">TP ASP.Net</a>
50  </div>
51  <div class="navbar-collapse collapse">
52      <ul class="nav navbar-nav">
53          <li><a runat="server" href="/">Accueil</a></li>
54          <li><a runat="server" href="/exp1">Exemple1</a></li>
55          <li><a runat="server" href="/exp2">Exemple2</a></li>
56          <li><a runat="server" href="/exp3">Exemple3</a></li>
57          <li><a runat="server" href="/About">A propos</a></li>
58          <li><a runat="server" href="/Contact">Contact</a></li>
59      </ul>
```

# Default

```
er  Default.aspx  exp1.aspx  exp2.aspx  exp3.aspx  ViewSwitcher.ascx  Site.css
1  <%@ Page Title="Home Page" Language="C#" MasterPageFile="~/Site.Master" AutoEventw
2
3  <asp:Content ID="BodyContent" ContentPlaceHolderID="MainContent" runat="server">
4
5      <div class="jumbotron">
6          <h1>ASP.NET</h1>
7          <p class="lead">Premier Tp ASP.NET</p>
8          <!-- <p><a href="http://www.asp.net" class="btn btn-primary btn-lg">Learn m
9      </div>
10
11     <div class="row">
12         <div class="col-md-4">
13             <h2>Exemple 1</h2>
14             <p>
15                 Converion de casse
16             </p>
17             <p>
18                 <a class="btn btn-default" href="exp1.aspx">Exemple 1 &raquo;</a>
```

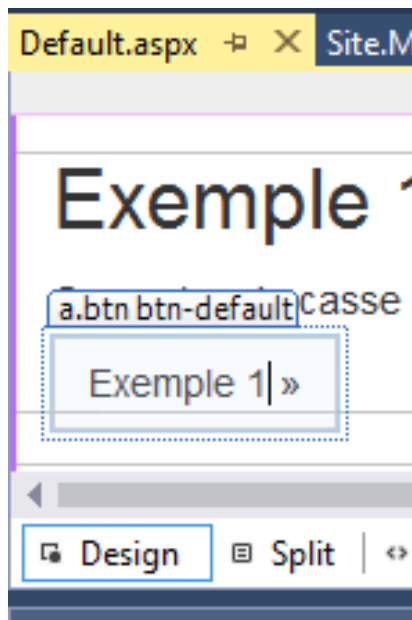
# Ajouter un webForm

- Click droit sur le projet → Add → Web Form

Specify Name for Item

Item name:

OK Cancel



hidden	
href	exp1.aspx



# Exemple1

## Exemple 1

Conversion de casse

dkjsqhdkj

☒ Majuscule ☐ Minuscule

Convertir

Resultat:

DKJSQHDKJ

## Exemple 1

Conversion de casse

☒ Majuscule ☐ Minuscule

Convertir

Resultat:

Veuillez saisir un texte d'abord !

# Exemple1

```
exp1.aspx  X
1  <%@ Page Language="C#" MasterPageFile="~/Site.Master" AutoEventWireup="true" CodeBehind="exp1.aspx.cs" Inherits="MyWebApp.exp1" %>
2
3  <asp:Content ID="BodyContent" ContentPlaceHolderID="MainContent" runat="server">
4
5      <div class="jumbotron">
6          <h1>Exemple 1</h1>
7          <p class="lead">Conversion de casse</p>
8
9          <div>
10             <asp:TextBox ID="TextBox1" runat="server" ToolTip="Entrez votre texte ici !" /></asp:TextBox><br />
11             <asp:RadioButton ID="maj" Text="Majuscule" GroupName="casse" runat="server" Checked="true" />
12             <asp:RadioButton ID="min" Text="Minuscule" GroupName="casse" runat="server" /><br />
13             <asp:Button ID="Button1" runat="server" Text="Convertir"
14                 OnClick="Button1_Click" />
15         </div>
16         <div>
17             <h3>Resultat: </h3>
18             <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label>
19         </div>
20     </div>
21 </asp:Content>
```

```
12     protected void Page_Load(object sender, EventArgs e)
13     {
14         Label1.Visible = false;
15         if (IsPostBack)
16             Label1.Visible = true;
17     }
18
19     protected void Button1_Click(object sender, EventArgs e)
20     {
21         if (TextBox1.Text != "")
22         {
23             string s = TextBox1.Text;
24             Label1.ForeColor = System.Drawing.Color.Black;
25             if (maj.Checked)
26                 Label1.Text = s.ToUpper();
27             if (min.Checked)
28                 Label1.Text = s.ToLower();
29
30         }
31         else
32         {
33             Label1.ForeColor = System.Drawing.Color.Red;
34             Label1.Text = "Veuillez saisir un texte d'abord !";
35             TextBox1.Text = "";
36         }
37     }
```

# Exemple2

TP ASP.Net Accueil Exemple1 Exemple2

## Exemple 2

Quel pays voulez-vous visiter ?

☐ France

☒ Italy

☐ Norway

☐ Sweden

Votre destination est : Italy

TP ASP.Net Accueil Exemple1 Exemple2

## Exemple 2

Quel pays voulez-vous visiter ?

☐ France

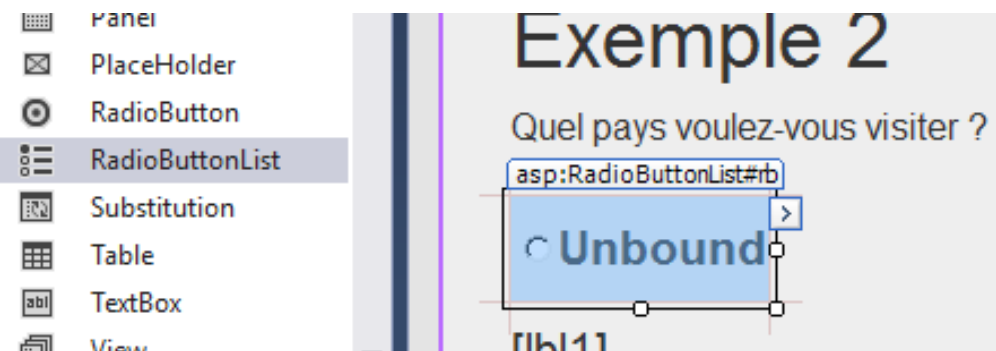
☐ Italy

☒ Norway

☐ Sweden

Votre destination est : Norway

# Exemple2

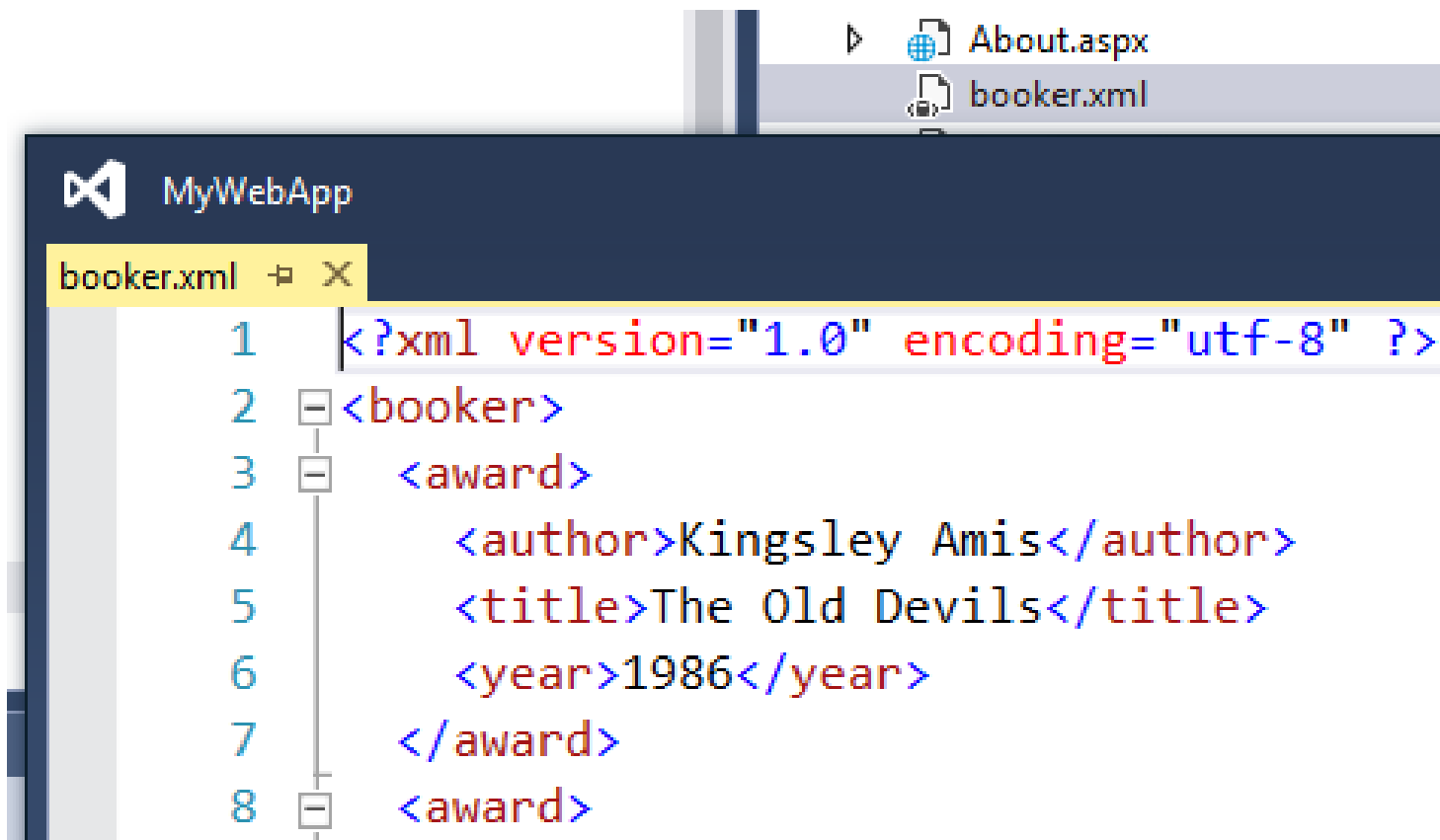


```
MyWebApp
exp2.aspx
1 <%@ Page Language="C#" MasterPageFile="~/Site.Master" AutoEventWireup="true" CodeBehind="exp2.aspx.cs" Inherits="MyWebApp.exp2" %>
2
3 <asp:Content ID="BodyContent" ContentPlaceHolderID="MainContent" runat="server">
4
5     <div class="jumbotron">
6         <h1>Exemple 2</h1>
7         <p class="lead">Quel pays voulez-vous visiter ?</p>
8         <div>
9             <asp:RadioButtonList ID="rb" runat="server" AutoPostBack="True" OnSelectedIndexChanged="displayMessage" />
10        </div>
11        <div>
12            <asp:Label ID="lb11" runat="server" />
13        </div>
14    </asp:Content>
```

```
12     protected void Page_Load(object sender, EventArgs e)
13     {
14         if (!IsPostBack)
15         {
16             lbl1.Visible = false;
17             List<string> mycountries = new List<string>();
18             mycountries.Add("Norway");
19             mycountries.Add("Sweden");
20             mycountries.Add("France");
21             mycountries.Add("Italy");
22             mycountries.Sort();
23
24             rb.DataSource = mycountries;
25             rb.DataBind();
26         }
27         else
28         {
29             lbl1.Visible = true;
30         }
31     }
32     protected void displayMessage(object sender, EventArgs e)
33     {
34         lbl1.Text = "Votre destination est : " + rb.SelectedItem.Text;
35     }
```

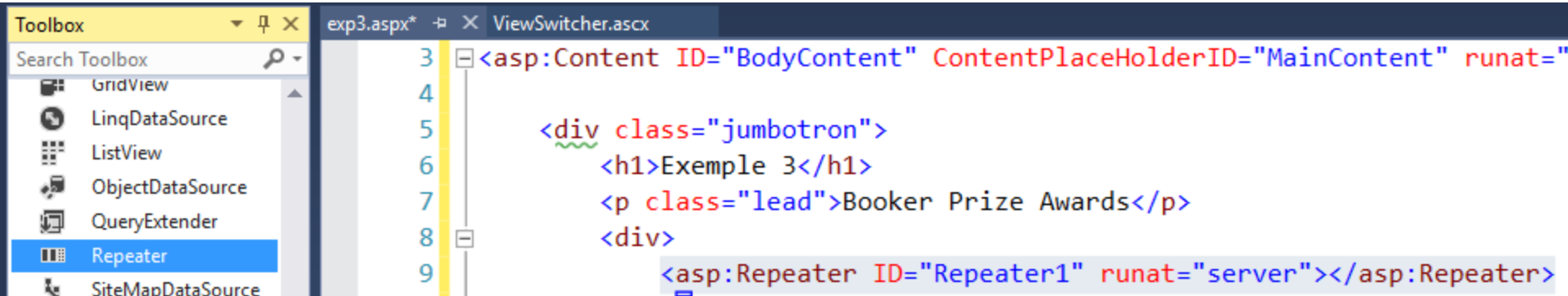
# Exemple3

- Click droit → Add → Existing Item
- Sélectionner le fichier xml : booker.xml

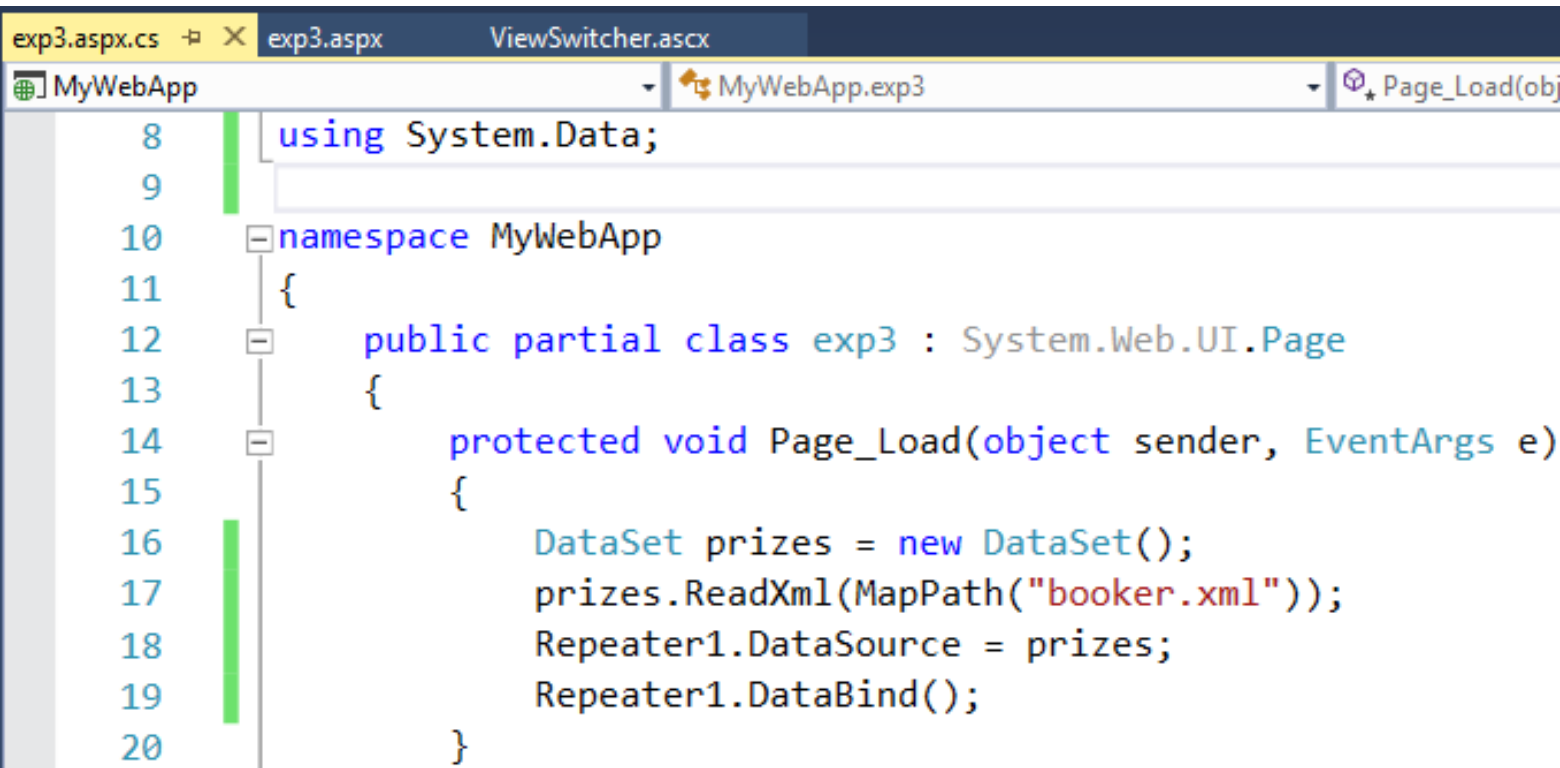


```
1 <?xml version="1.0" encoding="utf-8" ?>
2 <booker>
3   <award>
4     <author>Kingsley Amis</author>
5     <title>The Old Devils</title>
6     <year>1986</year>
7   </award>
8   <award>
```

# Example 3



```
3 <asp:Content ID="BodyContent" ContentPlaceHolderID="MainContent" runat="server">
4
5     <div class="jumbotron">
6         <h1>Exemple 3</h1>
7         <p class="lead">Booker Prize Awards</p>
8     </div>
9     <asp:Repeater ID="Repeater1" runat="server"></asp:Repeater>
```



```
8 using System.Data;
9
10 namespace MyWebApp
11 {
12     public partial class exp3 : System.Web.UI.Page
13     {
14         protected void Page_Load(object sender, EventArgs e)
15         {
16             DataSet prizes = new DataSet();
17             prizes.ReadXml(MapPath("booker.xml"));
18             Repeater1.DataSource = prizes;
19             Repeater1.DataBind();
20         }
21     }
22 }
```



# Example3

```
exp3.aspx* x exp3.aspx.cs ViewSwitcher.ascx Site.  
9 <asp:Repeater ID="Repeater1" runat="server">  
10 <HeaderTemplate>  
11 <table border="1" width="100%">  
12 <tr>  
13 <th>Auteur</th>  
14 <th>Titre</th>  
15 <th>Année</th>  
16 </tr>  
17 </HeaderTemplate>  
18 <ItemTemplate>  
19 <tr>  
20 <td> <%# DataBinder.Eval(Container.DataItem, "author")%> </td>  
21 <td> <%# DataBinder.Eval(Container.DataItem, "title")%> </td>  
22 <td> <%# DataBinder.Eval(Container.DataItem, "year")%> </td>  
23 </tr>  
24 </ItemTemplate>  
25 <FooterTemplate>  
26 </table>  
27 </FooterTemplate>  
28 </asp:Repeater>
```

# Exemple3

## Exemple 3

Booker Prize Awards

Auteur	Titre	Année
Kingsley Amis	The Old Devils	1986
Margaret Atwood	The Blind Assassin	2000
Pat Barker	The Ghost Road	1995
John Berger	G	1972
Anita Brookner	Hotel du Lac	1984