Internet Application Development

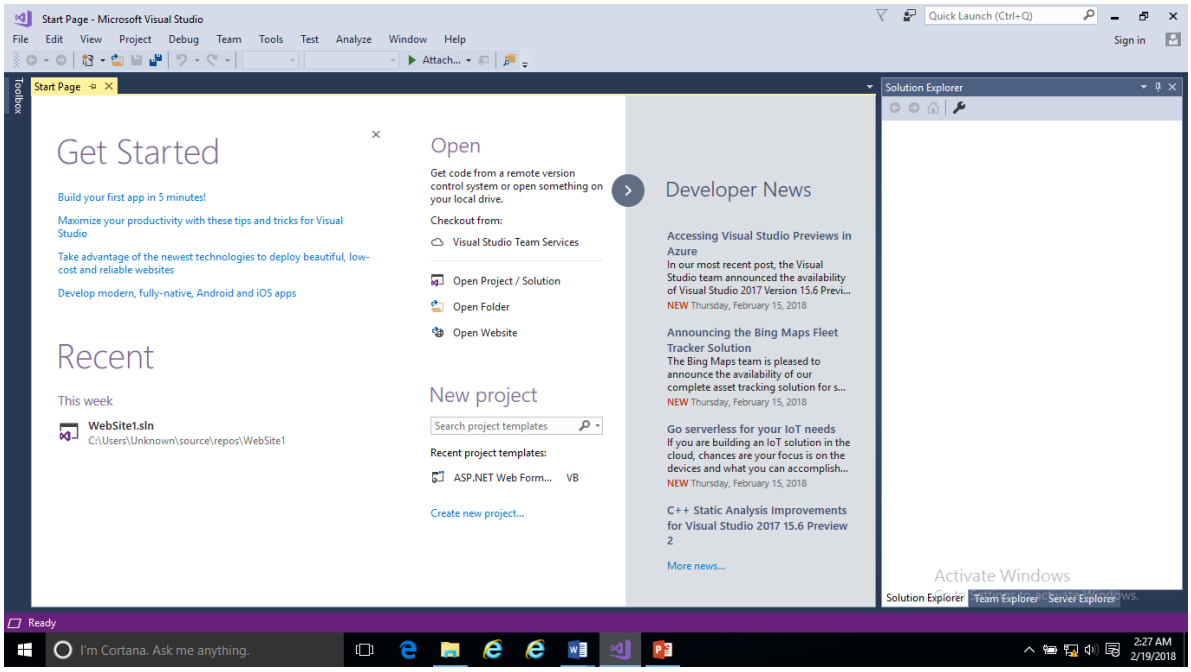
Lab No 2:

Creating a Web Application Project in VS

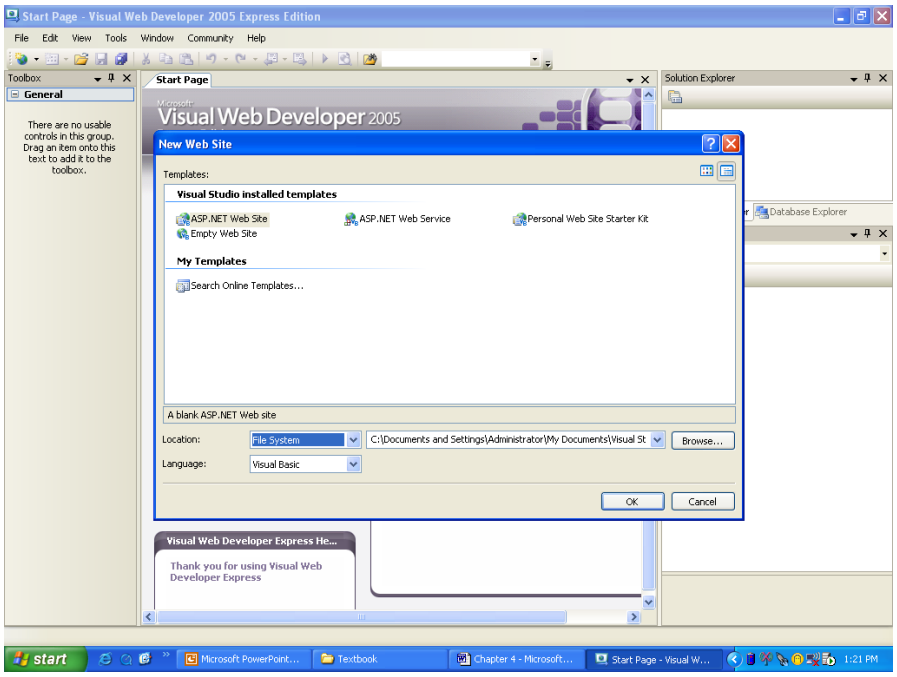
Important Options:

- Location
  - File System
  - HTTP
  - FTP

- Language
  - Visual Basic
  - Visual C#

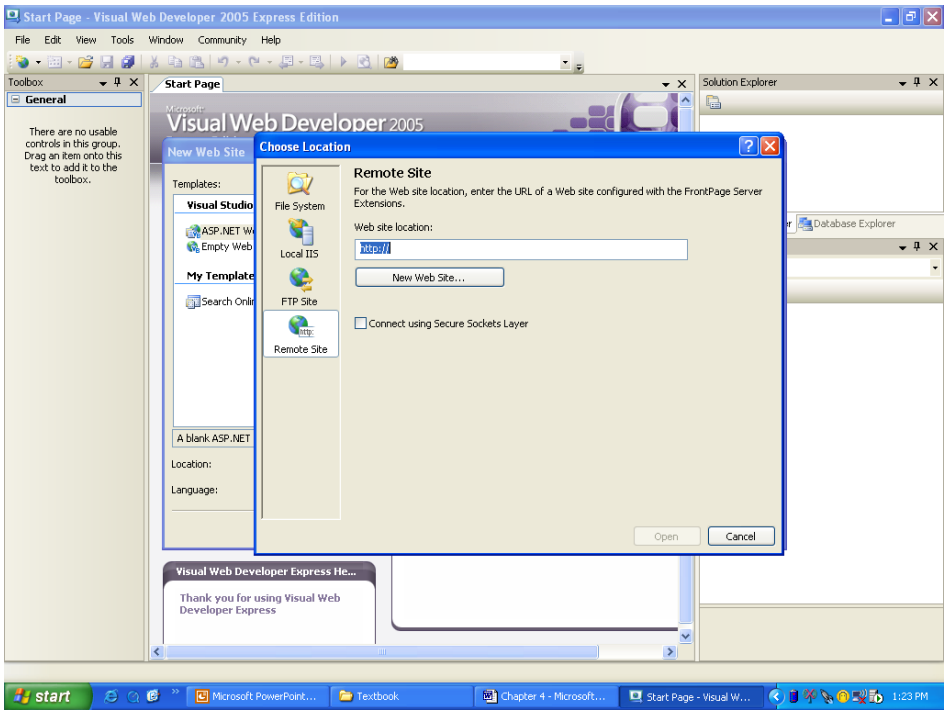


Visual Studio 2017
Visual Studio 2010



Choosing Web Application Project Options

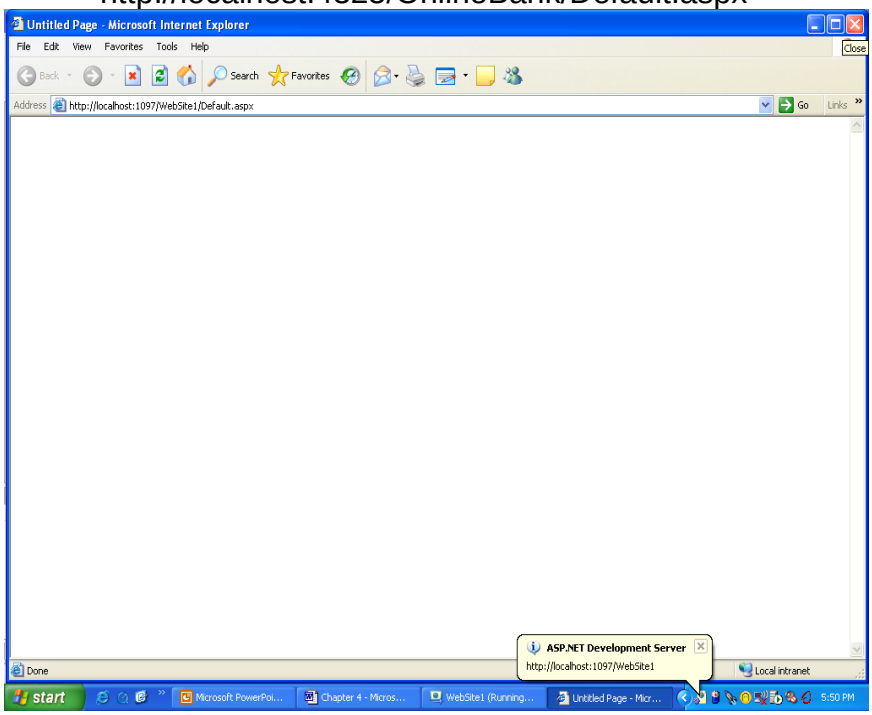
(i) File System
(ii) Local IIS
(iii) FTP Site
(iv) Remote Site

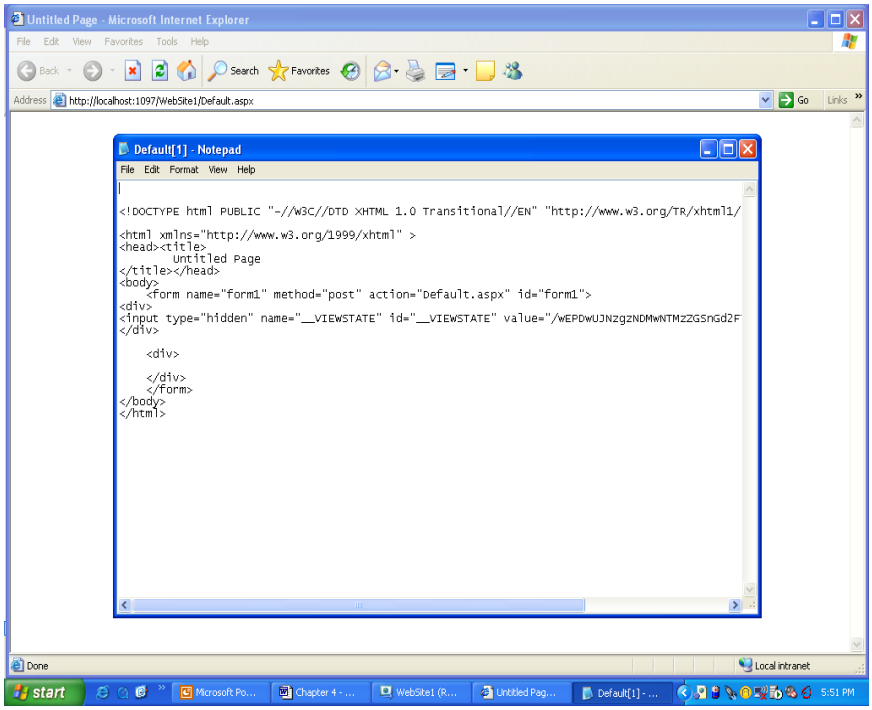


Integrated Web Server

- Testing a single blank web form

- URL in browser
- http://localhost:4325/OnlineBank/Default.aspx

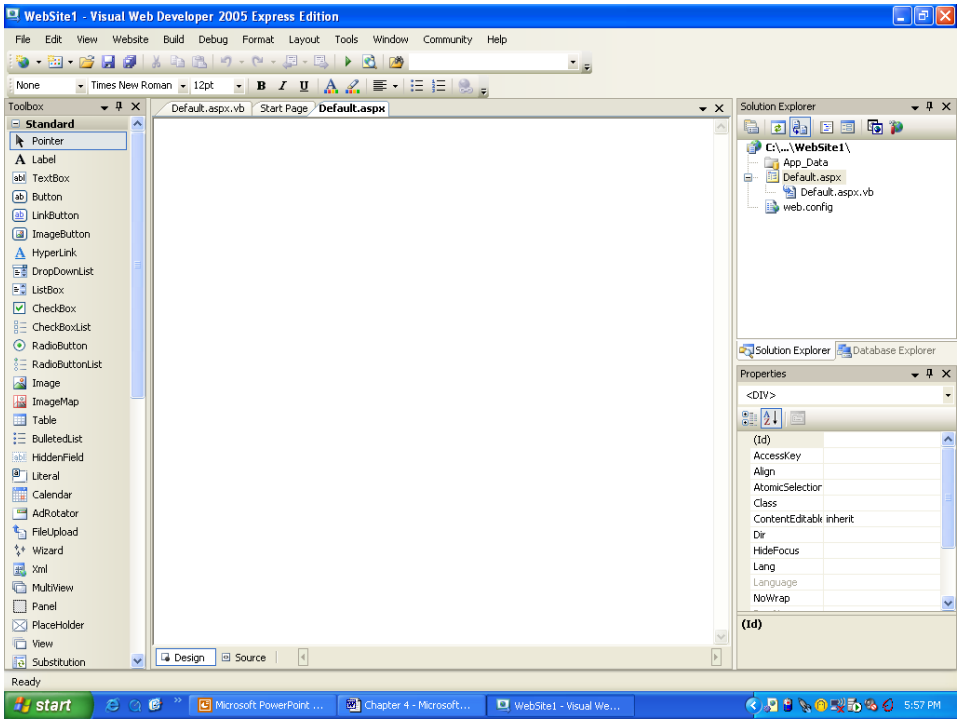


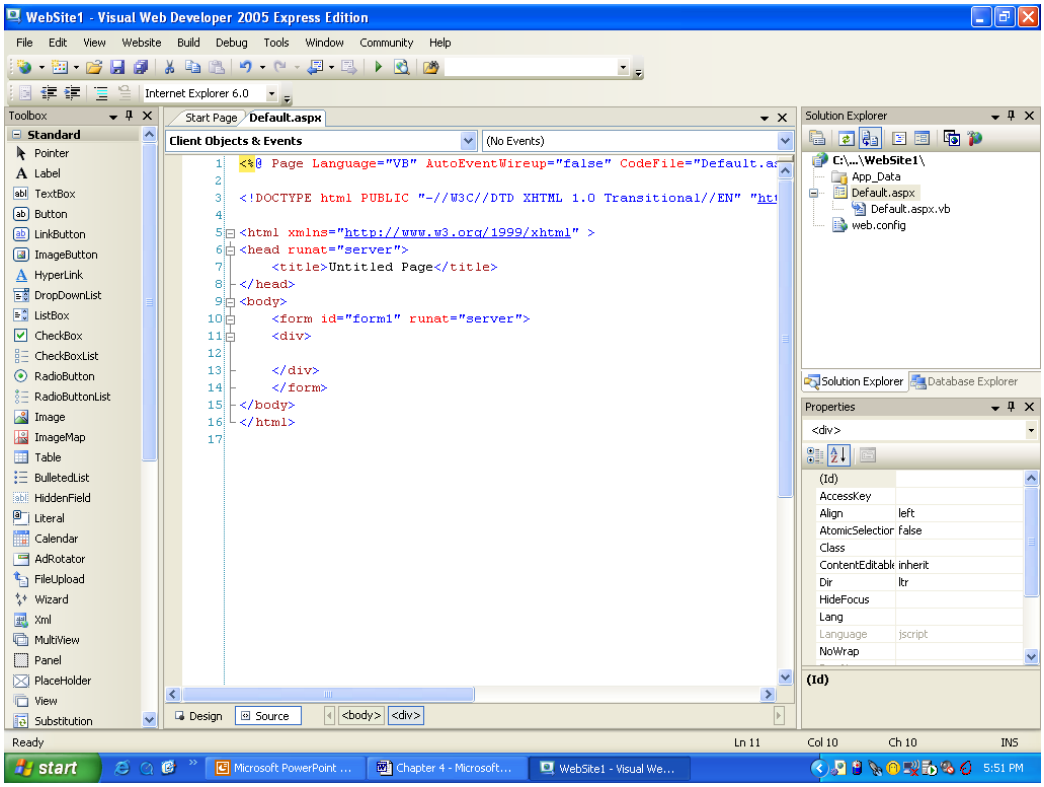


Design and Code Windows

- default.aspx

- Design Window
  - Source Window
- Code Window
- .aspx code
- .vb code

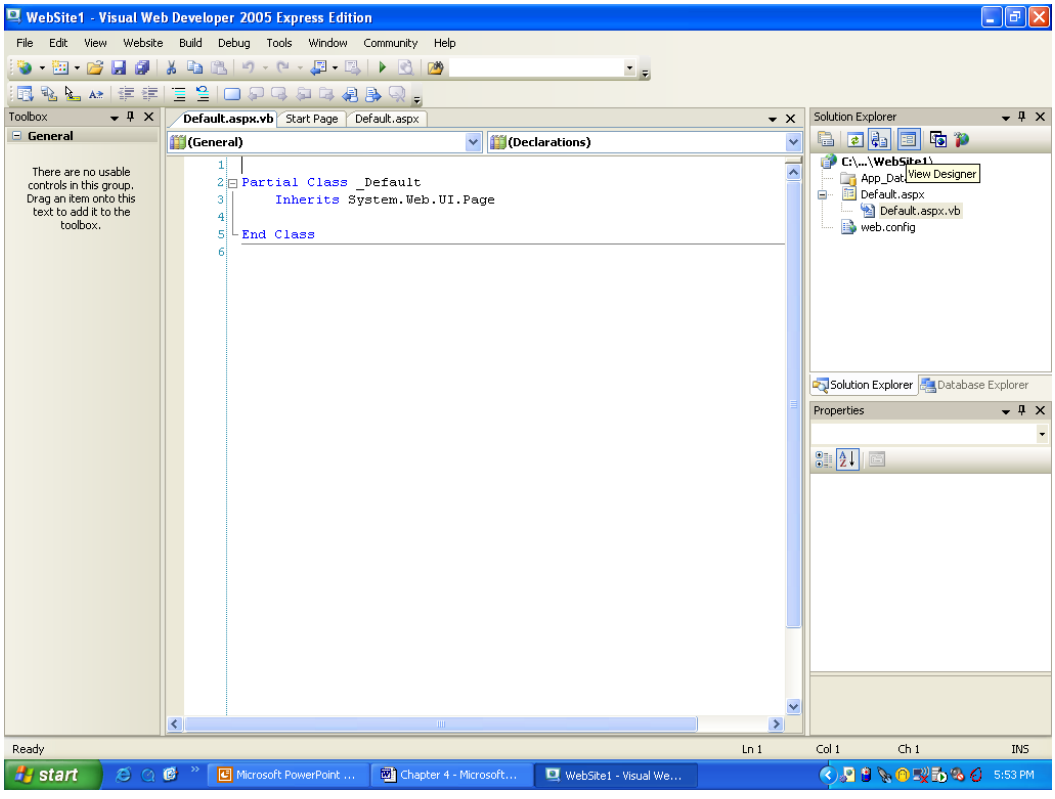



WebSite1 - Visual Web Developer 2005 Express Edition
File Edit View Website Build Debug Tools Window Community Help
Internet Explorer 6.0
Toolbox
Standard
Pointer
Label
TextBox
Button
LinkButton
ImageButton
HyperLink
DropDownList
ListBox
CheckBox
CheckBoxList
RadioButton
RadioButtonList
Image
ImageMap
Table
BulletedList
HiddenField
Literal
Calendar
AdRotator
FileUpload
Wizard
Xml
MultiView
Panel
PlaceHolder
View
Substitution
Start Page
Default.aspx
Client Objects & Events
(No Events)
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default.a
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "ht
<html xmlns="http://www.w3.org/1999/xhtml" >
<head runat="server">
<title>Untitled Page</title>
</head>
<body>
<form id="form1" runat="server">

</form>
</body>
</html>
Design
Source
<body>

Solution Explorer
C:\...\WebSite1\
App_Data
Default.aspx
Default.aspx.vb
web.config
Solution Explorer
Database Explorer
Properties

(Id)
AccessKey
Align
left
AtomicSelection
false
Class
ContentEditabl
inherit
Dir
ltr
HideFocus
Lang
Language
jscript
NoWrap
(Id)
Ready
Ln 11
Col 10
Ch 10
INS
start
Microsoft PowerPoint ...
Chapter 4 - Microsoft...
WebSite1 - Visual We...
5:51 PM


WebSite1 - Visual Web Developer 2005 Express Edition
File Edit View Website Build Debug Tools Window Community Help
Toolbox
General
There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.
Default.aspx.vb
Start Page
Default.aspx
(General)
(Declarations)
Partial Class _Default
Inherits System.Web.UI.Page
End Class
Solution Explorer
C:\...\WebSite1\
App_Data
View Designer
Default.aspx
Default.aspx.vb
web.config
Solution Explorer
Database Explorer
Properties
Ready
Ln 1
Col 1
Ch 1
INS
start
Microsoft PowerPoint ...
Chapter 4 - Microsoft...
WebSite1 - Visual We...
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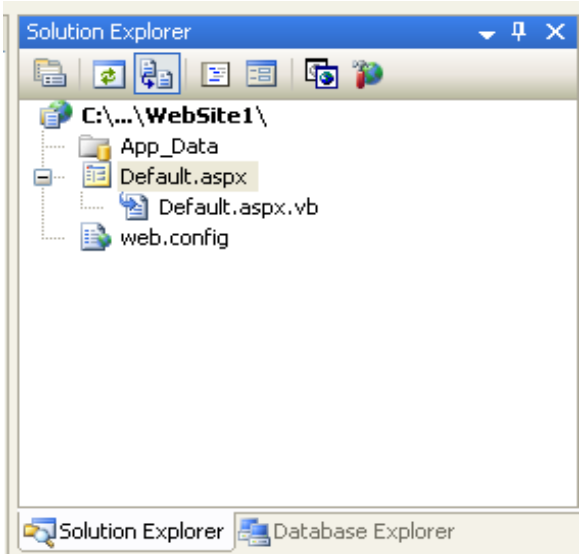
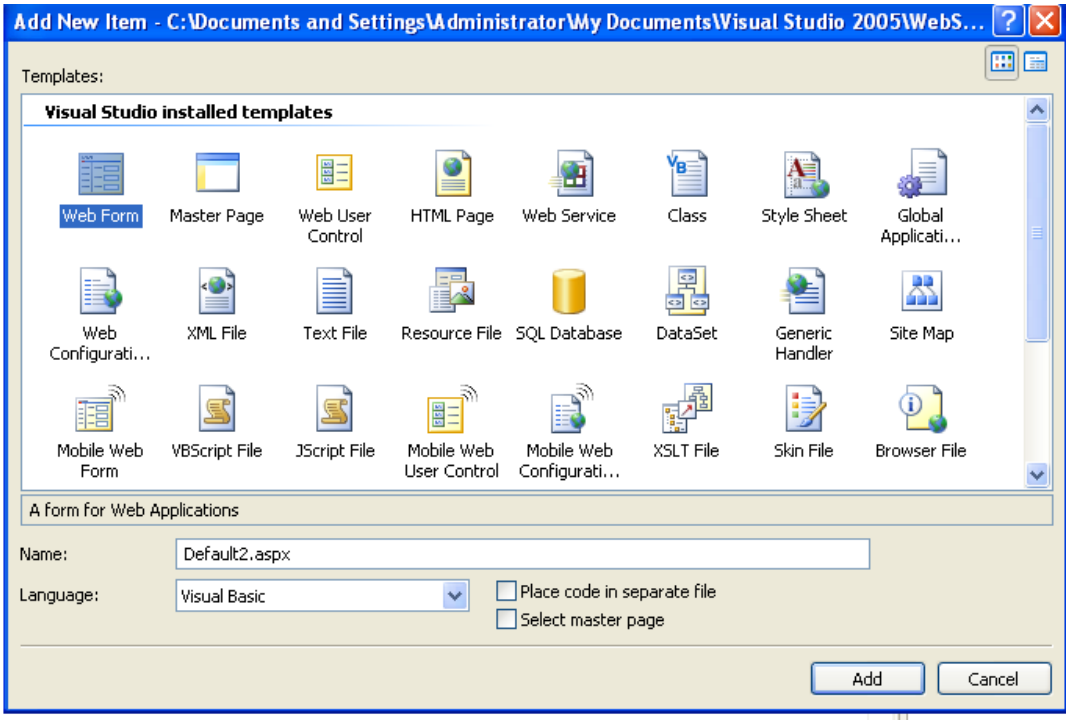
Solution Explorer

- High level view
- Top right corner
- Constituents of application

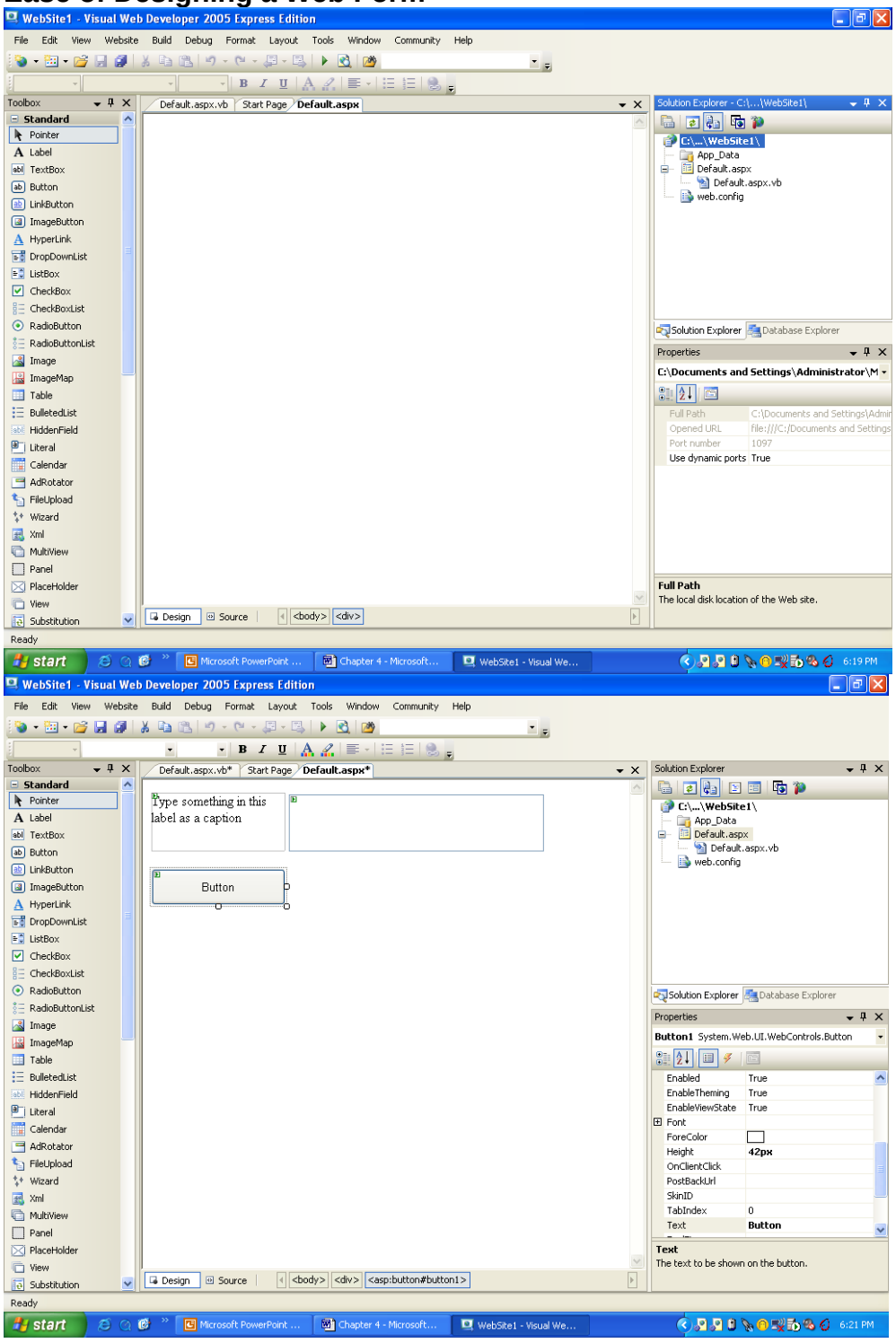
- Addition of web forms, web services, bitmaps





Coding Models

- Separate HTML and Code behind files
- Single file containing HTML and VB code

- Performance
- Functionality
- Maintenance

Ease of Designing a Web Form