In this exercise you will change buttons from the previous exercise to images.

1. Ensure you are connected to your v: drive or have your thumb drive in place. (net use v: \\coit-ts2003.uncc.edu\yourid)
2. Start **Visual Studio 2005** and open the **Music** project you created last lab (Lab 3).
3. In the Solution Explorer, right-click **WebForm1.aspx** then click **Copy**. Right-click **Music** then click **Paste**. Right-click **Copy of WebForm1.aspx**, click **Rename**, then enter **Webform2.aspx** and press **Enter**.
4. In the Solution Explorer, double-click **WebForm2.aspx**. **WebForm2.aspx** and **WebForm2.aspx.vb** windows open. VS 2005 should rename internals to match the new file name.  
     
   If an error message appears:   
   Click **OK**. Click the **WebForm2.aspx.vb** tab. Change **WebForm1** in the first line to **WebForm2**. **Save All** then close the **WebForm2.aspx.vb** and **WebForm2.aspx**. Double-click **WebForm2.aspx** in the Solution Explorer to open **WebForm2** without an error.
5. On the Design grid, click the CD button once to activate it and look in the Properties window. Note that the Properties window does not allow you to change the type of the button, however new in VS 2005 there is now an Image Button control in the Toolbox. In the Toolbox under Standard click and drag two (2) ImageButtons to the Design grid. These image buttons will replace the previous buttons.
6. Find a couple images you would like to use to represent CDs and DVDs. If you can’t find ones you like copy the ones in the Assignments Web Page to a temporary directory. Suggested names can be cd.jpg and dvd.jpg. I’ll use those names for the rest of the exercise. If you select your own files either jpg or gif files should work. Don’t use too big an image. We want the displayed image to be about 80 pixels wide so try to find ones in that range.
7. In the Solution Explorer right-click **Music**, click **Add**, click **New folder**, type **images** for the folder name. Right-click the **images** folder, click **Add**, click **Add Existing Item**. In the window that appears, navigate to the directory containing your images to use. In the **Files of type** menu select **All files**. Select the **cd.jpg** file, hold down the **Ctrl** button and select the **dvd.jpg** file then click **Open**. Notice that both files now appear in the **images** folder of your **Music** solution in the Solution Explorer.
8. Delete the CD and DVD buttons and Replace them with the new Image Buttons. For each Image Button we’ll first set the styles for the images. Right click one of the buttons you created above and select Style… The first one to be created will be the CD Image Button. The CD image button should be placed at top:140 left: 139. We want to make the button 80 wide, but preserve the aspect ratio of the image so set only the width to 80. Do the same procedure for the second button. The placement for the DVD image will depend on the height of the CD image. For now set the DVD image position to top: 250 left: 139 and width: 80. Again do not set height.
9. Now we need to set the properties for the Image Buttons. For each of the image buttons: in the Properties window find **ImageUrl.** Click on **ImageUrl,** then click the ellipsis button (…) that appears on the right. A Select Image pane will open. In the **Project folders** section click on the + in front of Music, then click on the images directory. In the **Contents of folder** section select the appropriate image, e.g. **cd.gif** for the cd image button and then click **OK**. The image should appear in the image button.
10. Repeat the process in step 7 and 8 for the other button (e.g. DVD) and put the appropriate image in it.
11. Double-click the CD image button to open the code behind the page. In the click event handler type the following code to change the title label contents and show the label with the CD list.

**lblTitle.Title = “<b>Here is a list of CDs</b>”**

**lblCD.Visible=True**

**lblDVD.Visible=False**

1. Click the **WebForm2.aspx** tab to return to the Web page. Double-click the DVD image button. In the click event handler type the following code to change the title label contents and show the label with the DVD list.

**lblTitle.Title = “<b>Here is a list of DVDs</b>”**

**lblCD.Visible=False**

**lblDVD.Visible=True**

1. Ensure is only one load event and two server click events at this point. When you are done the code behind the page should appear as shown below:

Partial Class \_Default

Inherits System.Web.UI.Page

Protected Sub Page\_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load

lblTitle.Text = "<b>What do you want to buy?</b>"

lblDVD.Visible = False

lblCD.Visible = False

End Sub

Protected Sub imgbtnCD\_Click(ByVal sender As Object, ByVal e As System.Web.UI.ImageClickEventArgs) Handles imgbtnCD.Click

lblTitle.Text = "<b>Here is a list of CDs</b>"

lblCD.Visible = True

lblDVD.Visible = False

End Sub

Protected Sub imgbtnDVD\_Click(ByVal sender As Object, ByVal e As System.Web.UI.ImageClickEventArgs) Handles imgbtnDVD.Click

lblTitle.Text = "<b>Here is a list of DVDs</b>"

lblCD.Visible = False

lblDVD.Visible = True

End Sub

End Class

1. Click the **Save All** button. Go to the **Build** menu and click **Build Solution**. Right-click the page then click **View in Browser**. Click the **CD** and **DVD** buttons and observe the effect. Close each of the pages you created.
2. Publish the results to your id: Click **WebSite**. Click **Copy Web Site.** Click **Connect.** Select **FTP Site**. Type in Server Name as *coit-ts2003.uncc.edu*. (makesure you enter it correctly) Unclick the **Anonymous Login** and input your username and password. Click **Open**. If windows show you block message, just **unblock** it. Select the folder **Music** which you have created today. Click **copy…to** button in the middle.
3. Launch a browser. In the Address text box enter:  
     
   http://coit-ts2003.uncc.edu/*<username>*/Music/WebForm2.aspx  
     
   Try the controls then close the browser.
4. Close Visual Studio and try to access your page from another browser on another machine.