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 the **Music** sub-folder 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 to open **WebForm2.aspx** and **WebForm2.aspx.vb.** Check that VS 2005 renamed internals to match the new file name.  
   ***Note:***   
   The top line in both files may have left an entry named Music\_WebForm1. That may be left as is or both renamed to Music\_WebForm2.
5. On the Design grid for **WebForm2.aspx**, 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. Suggested names are *cd.jpg* and *dvd.jpg*. Those names will be used for this 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** (the sub-directory), click **New folder**, enter **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**. To select both files at once, click on 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** subdirectory in the Solution Explorer.
8. Delete the CD and DVD buttons and Replace them with the new Image Buttons. To delete the buttons right click on the item to delete, then click on **Delete**. For each new Image Button we’ll need to set the styles for the images. Right click one of the buttons you created above and select *Style…* The first one 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. Next, set the properties for the Image Buttons. For each of the image buttons: in the Properties window 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. Change the ID from ImageButton1 to ImageBtnCD.
10. Repeat the process in step 7 and 8 for the other button (e.g. DVD) and put the appropriate image in it. Don’t forget to change the image button name to ImageBtnDVD.
11. Double-click the CD image button to open the code behind the page. In the newly created event handler (the code that starts with *Protected Sub*… and ends with *End Sub*) type the following code to change the title label contents and show the label with the CD list.

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

**lblCD.Visible=True**

**lblDVD.Visible=False**  
Note that this is the same code as was in the old button. If the old routine is still there copy it here.

1. Repeat step 11 for the DVD image button:

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

**lblCD.Visible=False**

**lblDVD.Visible=True**

1. Ensure is only one load event and two server click events at this point. Delete the old *btnCD\_Click* and *btnDVD\_Click* Protected Sub sections if they are still in the WebFrom2.aspx.vb code. When you are done the code behind the page should appear similar to below:

Partial Class Music\_WebForm1

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 ImageBtnCD.Click

lblTitle.Text = "<b>Here is a list of <your name>s 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 ImageBtnDVD.Click

lblTitle.Text = "<b>Here is a list of <your name>s 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*. (make sure 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.