

```
1 //using is a directive
2 //System is a name space
3 //name space is a collection of features that our needs to run
4 using System;
5 using System.Data.SqlClient;
6 using System.IO;
7 //public means accessible anywhere
8 //partial means this class is split over multiple files
9 //class is a keyword and think of it as the outermost level of grouping
10 //:System.Web.UI.Page means our page inherits the features of a Page
11 public partial class _Default : System.Web.UI.Page
12 {
13     protected void Button1_Click(object sender, EventArgs e)
14     {
15         var imgFiles = Directory.GetFiles(@"c:\data\", "*.jpg"); //scan folder for all files
16         foreach(var imgFile in imgFiles)
17         {
18             ListBox1.Items.Add(imgFile); //add files to list box in page
19         }
20     }
21
22     protected void Button2_Click(object sender, EventArgs e)
23     {
24         //make a connection string
25         string connString = @"Data Source=DESKTOP-4L6NSGO\SQLEXPRESS;
26                             Initial Catalog=People;Integrated Security=True;Connect
27                             Timeout=15;Encrypt=False;TrustServerCertificate=False;
28                             ApplicationIntent=ReadWrite;MultiSubnetFailover=False";
29         //make connection
30         using (SqlConnection conn = new SqlConnection(connString))
31         {
32             conn.Open(); //open connection
33             foreach(var item in ListBox1.Items)
34             {
35                 using (SqlCommand cmd = new SqlCommand("insert into dbo.Images (image) values
36                 (@image)", conn))
37                 {
38                     byte[] picAsBytes = File.ReadAllBytes(item.ToString()); //read picture as
39                     bytes
40                     cmd.Parameters.AddWithValue("@image", picAsBytes); //add picture to SQL
41                     server as bytes
42                     cmd.ExecuteNonQuery(); //perform the actual saving
43                 }
44             }
45         }
46     }
47 }
```