

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6 using System.Windows;
7 using System.Windows.Controls;
8 using System.Windows.Data;
9 using System.Windows.Documents;
10 using System.Windows.Input;
11 using System.Windows.Media;
12 using System.Windows.Media.Imaging;
13 using System.Windows.Navigation;
14 using System.Windows.Shapes;
15 using System.Collections;
16 using System.Collections.ObjectModel;
17 using System.Data.Entity;
18
19 namespace Assignment4Part1
20 {
21     /// <summary>
22     /// Interaction logic for MainWindow.xaml
23     /// </summary>
24     public partial class MainWindow : Window
25     {
26         public MainWindow()
27         {
28             InitializeComponent();
29             DisplayQueryResults();
30         }
31
32         public void DisplayQueryResults()
33         {
34             BooksEntities books = new BooksEntities();
35             var query1 = from title in books.Titles.Include(t => t.Authors)
36                         orderby title.Title1
37                         select new { titleText = title.Title1, authors =
38                                     title.Authors };
39             QueryListBox.Items.Add("Titles and Authors:");
40             foreach (var q in query1)
41             {
42                 List<Author> aList = q.authors.ToList();
43                 foreach (Author a in q.authors)
44                 {
45                     QueryListBox.Items.Add(String.Format("{0}\t{1} {2}",
46                                                         q.titleText, a.FirstName, a.LastName));
47                 }
48             }
49             QueryListBox.Items.Add("\nAuthors and Titles with authors sorted for
```

