

CECS 475

Lab assignment 2

Done: Wednesday, March 13

Update the attached application that uses the Books database and displays the result of the following queries:

- a. Get a list of all the titles and the authors who wrote them. Sort the result by title.
- b. Get a list of all the titles and the authors who wrote them. Sort the result by title. For each title sort the authors alphabetically by last name, then first name.
- c. Get a list of all the authors grouped by title, sorted by title; for a given title sort the author names alphabetically by last name first then first name.

Output

Titles and Authors:

Android for Programmers: An App-Driven Approach Paul Deitel
Android for Programmers: An App-Driven Approach Harvey Deitel
Android for Programmers: An App-Driven Approach Abbey Deitel
Android for Programmers: An App-Driven Approach Michael Morgano
C How to Program Harvey Deitel
C How to Program Paul Deitel
C++ How to Program Paul Deitel
C++ How to Program Harvey Deitel
Internet & World Wide Web How to Program Harvey Deitel
Internet & World Wide Web How to Program Paul Deitel
Internet & World Wide Web How to Program Abbey Deitel
Java How to Program Paul Deitel
Java How to Program Harvey Deitel
Simply Visual Basic 2010 Harvey Deitel
Simply Visual Basic 2010 Paul Deitel
Simply Visual Basic 2010 Abbey Deitel
Visual Basic 2012 How to Program Abbey Deitel
Visual Basic 2012 How to Program Paul Deitel
Visual Basic 2012 How to Program Harvey Deitel
Visual C# 2012 How to Program Harvey Deitel
Visual C# 2012 How to Program Paul Deitel
Visual C++ 2008 How to Program Paul Deitel
Visual C++ 2008 How to Program Harvey Deitel
Visual C++ 2008 How to Program Dan Quirk

Authors and titles with authors sorted for each title:

Android for Programmers: An App-Driven Approach Abbey Deitel
Android for Programmers: An App-Driven Approach Harvey Deitel
Android for Programmers: An App-Driven Approach Paul Deitel
Android for Programmers: An App-Driven Approach Michael Morgano
C How to Program Harvey Deitel
C How to Program Paul Deitel
C++ How to Program Harvey Deitel
C++ How to Program Paul Deitel
Internet & World Wide Web How to Program Abbey Deitel
Internet & World Wide Web How to Program Harvey Deitel
Internet & World Wide Web How to Program Paul Deitel
Java How to Program Harvey Deitel
Java How to Program Paul Deitel
Simply Visual Basic 2010 Abbey Deitel
Simply Visual Basic 2010 Harvey Deitel
Simply Visual Basic 2010 Paul Deitel
Visual Basic 2012 How to Program Abbey Deitel
Visual Basic 2012 How to Program Harvey Deitel
Visual Basic 2012 How to Program Paul Deitel
Visual C# 2012 How to Program Harvey Deitel
Visual C# 2012 How to Program Paul Deitel
Visual C++ 2008 How to Program Harvey Deitel
Visual C++ 2008 How to Program Paul Deitel
Visual C++ 2008 How to Program Dan Quirk

Titles grouped by author:

Android for Programmers: An App-Driven Approach:
Abbey Deitel
Harvey Deitel
Paul Deitel
Michael Morgano
C How to Program:
Harvey Deitel
Paul Deitel
C++ How to Program:
Harvey Deitel
Paul Deitel
Internet & World Wide Web How to Program:
Abbey Deitel
Harvey Deitel
Paul Deitel
Java How to Program:
Harvey Deitel
Paul Deitel

Simply Visual Basic 2010:

Abbey Deitel

Harvey Deitel

Paul Deitel

Visual Basic 2012 How to Program:

Abbey Deitel

Harvey Deitel

Paul Deitel

Visual C# 2012 How to Program:

Harvey Deitel

Paul Deitel

Visual C++ 2008 How to Program:

Harvey Deitel

Paul Deitel

Dan Quark

Submission and grading

1. All members submit the following files to Canvas:
 - a. Zip file of solution folder (-10 points for missing the file)
 - b. A pdf file which has a copy of main function lab2 and runtime output. (-5 points for no submission)
2. Write on the comment with **the completion of the lab assignment for each team member**. All the team members must agree with the completion of each team member.

The program run successfully with correct output (100% completion)

The program run successfully with one incorrect output (70% completion)

The program run successfully with two incorrect output (50% completion)

The program run successfully with no correct output (30% completion)

The program has syntax errors or is incomplete (10% completion)