

Hand In: Database file only in blackboard

Name:

Mark: /31

**Background information:** This lab will focus on creating two tables, creating a one-to-many relationship, as well as some work with Forms / subForms.

### Create the database and tables

- Create a new database, call it **lastname Lab4**
- Create two tables, one for **books** and one for **authors**. Choose the correct data types for each field, you could use **autonumber** for the **PRIMARY KEYS**
- **tblBooks** should have the following fields: (5)
  - **bookID**
  - **bookTitle**
  - **bookGenre**
  - **bookPublishDate**
  - **bookAuthID**
- **tblAuthors** should have the following fields (3)
  - **authID**
  - **authFirstName**
  - **authLastName**
- Create your relationship under the **database tools** tab, enable referential integrity and cascade updates (3)
- Add 3 made up authors to your **tblAuthors** table (3)
- Add 10 made up rows for **tblBooks**. Use your authorID from tblAuthors as the **foreign key (relationship)**. Each author should have **Multiple** books. (7)

### Forms

- Create a simple form by selectiong **tblAuthors** and clicking **Create -> Form (3)**
  - This should create a form (authors) with a subform (books).
  - Name it **frmAuthorsBooks**
- Add two (2) new fields to your **tblAuthors** table, these could be any fields related to an author. (2)
- Update your tblAuthors table to include data in the new fields for your three (3) authors. (3)
- From **Layout View**, add your two new author fields to your Form. (2)
  - These fields should be added to the mainform portion (authors).
- **Make sure all the steps above have been completed**
- **Save your database as lastname Lab4.accdb**
- **Hand in through blackboard**