# **Chapter 2 Lab Assignment**

1. Create the following tables with the fields and field properties indicated

**Author Table**

**Field Name Data Type Field Size Primary Key?**

1. Au\_ID AutoNumber Primary Key
2. Author Short Text 50
3. Year\_Born Number Long Integer

**Publishers Table**

**Field Name Data Type Field Size Primary Key?**

1. PubID AutoNumber Primary Key
2. Name Short Text 50
3. Company\_Name Short Text 255
4. Address Short Text 50
5. City Short Text 20
6. State Short Text 10
7. Zip Short Text 15
8. Telephone Short Text 15
9. Fax Short Text 15
10. Comments Long Text

**Title\_Author Table**

**Field Name Data Type Field Size Primary Key?**

1. ISBN Short Text 20 Primary Key
2. Au\_ID Number Long Integer Primary Key

**Titles Table**

**Field Name Data Type Field Size Primary Key?**

1. Title Short Text 255
2. Year\_Published Number Integer
3. ISBN Short Text 20 Primary Key
4. PubID Number Long Integer
5. Import the Excel files to populate each table.
6. Create the following relationships between tables:
   1. **Publishers** and **Titles** using the PubID field  
      Make it a 1-to-many relationship by checking the firstcheckbox in the relationship window
   2. **Titles** and **Title\_Author** tables using the ISBN field
   3. **Title\_Author** and **Authors** table using the Au\_ID field
   4. Also include the Title\_Author table in the query  
      Make it a 1-to-many relationship
7. Create a query named BooksByYear that includes the following fields
   1. Author from the Authors table
   2. Title, Year\_Published & ISBN from the Titles table
   3. Name & Company\_Name from the Publishers table
   4. Also include the Title\_Author table in the query  
      Only include records where Year\_Published = 1993, and sort the results by Author.
8. Create a query named BookByAuthor that includes the following
   1. Au\_ID & Author from the Authors table
   2. Title from the Titles table
   3. Also include the Title\_Author table in the query  
      Only include records where Au\_ID = 73 and sort by Title