

Assignment 09 – Building a Database & Defining Table Relationships

Due: Wednesday, Nov 19th.

Read Access Tutorials 1 & 2.

Work through Case Problem 1 starting on page AC 89. Note: this problem uses the Pinehill.accdb from Case 1 in Tutorial 1 on page AC38. You'll need to complete that brief problem before you can start the one on page 89.

Save your document using the filename given in each exercise.

Modify the file name such that it is in the following format:

CS104-A09-**YOURNAME-FILENAME**

YOURNAME should be your name & **FILENAME** should be the original name indicated in the assignment. For instance, if the text said to save the file as **Give Me Some Points.accdb** my final filename would be:

CS104-A09-Jonathan Pikalek-Give Me Some Points.accdb

Upload the file to Moodle.

The case problem will be graded using the following rubric:

Description	Pts
In the Teacher table, all the data types are set to Text except for Hire Date, which is set to Date/Time, and Takes Beginners, which is a new field	1
In the Teacher table, the Teacher ID field has “Primary key” as the description	1
Takes Beginners is a new field in the Teacher table with a data type of Yes/No	1
The Teacher ID field has a Field Size of 7, First Name is 20, Last Name is 25, Degree is 3, and School is 50; Hire Date uses a Short Date format	2
Takes Beginners field is resized to its best fit	1
Schwartz, Romano, Eberle, Norris, Tanaka, Culbertson, and Mueller take beginners	1
Student table is a new table created in the Pinehill database, and contains the 10 fields shown here	2
Student ID is the primary key with a Text data type, a “Primary key” description, and a Field Size of 7	1
Last Name field should follow the First Name field	1
Field properties should match Figure 2-48	2
Student table contains 35 records—Student ID APP7509 and BAR7544 are entered manually as shown in Figure 2-49, and the rest are imported from the Student text file	2
Contract table is a new table created in the Pinehill database, and contains the nine fields shown here	2
Contract ID is the primary key with a Text data type, a “Primary key” description, and a Field Size of 4	1
Field properties should match Figure 2-50	2
All columns in the Contract table are resized to their best fit	1
Contract table contains 47 records—Contract ID 3176 and 3179 are entered manually as shown in Figure 2-51, and the rest are imported from the Lessons workbook using the Import Spreadsheet Wizard	2
One-to-many relationships have been defined between the primary Student table and the related Contract table, and between the primary Teacher table and the related Contract table, with referential integrity applied to both relationships	1
File name is correct	1
TOTAL POSSIBLE POINTS:	25