Name \_\_Brett Tomita\_\_\_\_\_

Books Database Relational Algebra Homework

Use the Books Relation Scheme for these questions. <http://web.csulb.edu/~mopkins/cecs323/BooksScheme.pdf>

Write the relational algebra expression for the following problems.

1. List all the data about authors

authors

1. I’m looking to read a book but I’m interested in how many pages it has.

title\_name, pagesTitles

1. I want to read a short book (< 300 pages)

 title\_name, pages pages <300Titles

1. Find the name of the publisher for the book title ‘The Book’

pub\_name title\_name = ‘The Book’ Titles⋈Publishers

1. Find the author’s name and book title for all books

au\_fname, au\_lname, title\_name Titles⋈Title\_Authors⋈Authors